

## Courses For Event Yearly Membership Hackveda One2One

1. Android Training 2016
2. Android Training 2017
3. Advanced Java: Building Websites
4. Agile Development Software Practices Scrum Roles
5. Angular 4
6. Asp.Net Training
7. Software Testing CTFL Training
8. Big Data Training
9. Bootstrap Website Design Training
10. Building Dynamic Websites with PHP
11. C++ Fundamentals
12. C#.NET Training
13. C++ with Data Structures
14. Chatbot Training
15. Cloud Computing
16. Coding for Hackers - Shell Scripting
17. Competitive Programming
18. Computer Hardware Troubleshooting
19. Cybersecurity Analyst
20. Customer Service Skills
21. Data Analysis
22. Data Mining
23. Data Structures and Algorithms
24. Device Forensics
25. Embedded System Arduino
26. Getting started with Ubuntu
27. Google Analytics
28. Hackveda Cyber security
29. Internet of things applications
30. Java Programming
31. Mobile Security Training
32. Networking Training
33. NodeJS Training
34. NodeJS Programming
35. NodeJS Training Hackveda
36. Oracle Java SE 8
37. PHP Basics Databases & Webservices
38. Python Fundamentals
39. Python Machine Learning Course
40. R Programming Training
41. Securing User Accounts
42. Time Management
43. Big Data Basics
44. TOGAF Fundamentals
45. TOGAF Advanced
46. Machine Learning with R Programming
47. Angular 4 Project Training
48. Bootstrap Classroom BC-137
49. C/C++ Classroom (Cpp-164)
50. IoT Classroom (IoTC-139)
51. Content Marketing
52. Digital Marketing Books
53. Ethical Hacking Classroom (EHC-158)
54. Facebook Analytics
55. Google Analytics
56. Machine Learning using Python

57. Microsoft Powerpoint 2016
58. Microsoft Word 2016
59. MS Access 2016
60. MS Excel 2016
61. MS Outlook 2016
62. Operating System & Maintenance
63. PHP Classroom (PHPC-143)
64. Python Classroom (PC-144)
65. Selenium Automated Web Testing Fundamentals
66. Selenium Classroom (SC-157)
67. Telecom Terminal Equipment Application Developer
68. Windows Azure Classroom Training

## Topics For Android Training 2016

- Anatomy of Android Studio
- Activity Lifecycle and Backstack in Android
- Approaches for Android App Development
- Java and Hybrid Approach in Android App Development
- Android Intents Part 1
- Android Intents Part 2
- Shared Preferences in Android
- Intents for Results in Android
- Camera and Video Player in Android using onActivityResult Intents
- Create a welcome splash screen in Android Part 1
- Create a welcome splash screen in Android Part 2
- Create a welcome splash screen in Android Part 3
- System Services in Android Part 1
- System Services in Android Part 2
- System Services in Android Part 3
- Create AsyncTask and Google Map Application in Android | Part 1
- Create AsyncTask and Google Map Application in Android | Part 2
- Services and Gradle in Android | Part 1
- Services and Gradle in Android | Part 2
- Services and Gradle in Android | Part 3
- JSON Parsing Server Side Coding Part 1
- JSON Parsing Server Side Coding Part 2
- JSON Parsing Client Side Coding Part 1
- JSON Parsing Client Side Coding Part 2
- Android Databases Part 1
- Android Databases Part 2
- Broadcast Receivers in Android - Part 1
- Broadcast Receivers in Android and UI Controls - Part 2
- Date Picker control in Android - Part 3
- Time Picker Control in Android
- Toggle Rating Control in Android
- Progress Bar Control in Android
- Android File Handling and Storage
- Android Private and Shared Preferences

- [Android XML Pullparser using Webservices Part 1](#)
- [Android XML Pullparser using Webservices Part 2](#)
- [Android Material Design Part 1](#)
- [Android Material Design Part 2](#)
- [How to Create Soap Webservices in Android](#)
- [How to Consume Soap Webservices in Android](#)

## • [Resources For Android Training 2016](#)

- [Download Android Studio 2.3.3 for Windows](#)
- [Download Android Studio for Mac](#)
- [Download Android Studio for Linux](#)

## • [Topics For Android Training 2017](#)

- [Anatomy of Android Studio](#)
- [Creating an App and Understanding Gradle Build System](#)
- [Activity Lifecycle and Backstack in Android](#)
- [Java Approach in Android App Development](#)
- [Hybrid Approach in Android App Development](#)
- [How to create Intent in Android using Phone App Demo](#)
- [Using MediaPlayer and Post Delayed in Android Part 1](#)
- [Using MediaPlayer and Post Delayed in Android Part 2](#)
- [Develop Location App using system services in Android](#)
- [Introduction to Async Task in Android](#)
- [How to create AsyncTask in Android](#)
- [How to Connect Static Map API and Get Map Image to display on ImageView](#)
- [Export Android APK from Android Project in Android Studio](#)
- [Introduction to Services in Android](#)
- [Create Services in Android](#)
- [Create Started Service in Android](#)
- [Introduction to Databases in Android - Part 1](#)
- [Create an Activity to Read Databases in Android](#)
- [Coding CRUD Operations for Databases in Android](#)
- [Testing and Accessing Databases in Android](#)
- [Objective of Client Server Application](#)
- [Create a PHP Webservice file on Godaddy Server](#)
- [Understanding GET requests with Tamper Data in Firefox](#)
- [PHP Webservice JSON Output](#)
- [Send a GET request to webservice with arguments](#)
- [How to Install Android Studio Super Plugin](#)
- [Consume JSON output of PHP Webservice in Android](#)
- [How to Create a Soap Webservice using Visual Studio 2012](#)
- [How to consume Soap Webservices using KSoap2 Library in Android Application](#)
- [ListView implementation in Android Part 1](#)
- [ListView Implementation in Android Part 2](#)
- [Broadcast Receivers in Android - Part 1](#)
- [Broadcast Receivers in Android and UI Controls - Part 2](#)

- [Date Picker control in Android - Part 3](#)
- [Time Picker Control in Android](#)
- [Toggle Rating Control in Android](#)
- [Progress Bar Control in Android](#)
- [Android File Handling and Storage](#)
- [Android Private and Shared Preferences](#)
- [Android Material Design Part 1](#)
- [Android Material Design - Part 2](#)
- [WebView Controls in Android](#)
- [Create Rich User Interfaces using Reverse Engineering in Android](#)
- [JSON Parsing - How to use Google Places API - Part 1](#)
- [JSON Parsing - How to use Google Places API - Part 2](#)
- [JSON Parsing - How to use Google Places API - Part 3](#)
- [ListView Part 1 - Create a Bank Statement](#)
- [ListView Part 2 - Create a Bank Statement](#)
- [Android Project Guidelines - Database design from reference app](#)
- [ListView with Google Directions API](#)
- [Fetch data from database and display JSON response in PHP](#)
- [Using Picasso library to display images in ImageView](#)
- [Java Reverse Engineering using dex2jar](#)
- [Reverse Engineering using Apktool Dex2Jar and JD-GUI](#)
- [Create a Signup and Login App using Webservice in PHP and JSON](#)
- [RadioButton and RadioGroup in Android](#)
- [How to create Navigation Drawer and event handling](#)
- [What are Android Fragments ?](#)

## • [Resources For Android Training 2017](#)

- [Sliding Tabs example source codes](#)
- [Download Android Studio 2.3.3 for Windows](#)
- [Download Android Studio for Mac](#)
- [Download Android Studio for Linux](#)

## • [Topics For Advanced Java: Building Websites](#)

- [JDBC With Swing](#)
- [Login and Registration With Mysql](#)
- [Login and Profile Page With Mysql](#)
- [Develop and Consume Web Service in java](#)
- [Create Web Services Using Java](#)
- [Java Servlet](#)
- [Create JSON Service in Java.](#)
- [Batch 1 - Java Servlet.](#)
- [Batch 2 - Read JSON output,Parse and show in Servlet Part-1](#)
- [Batch 2 - Read JSON output, Parse and show in Servlet Part-2](#)
- [Batch 1 - Creating and Parsing JSON Object Definition](#)
- [Batch 2 - JSP Introduction,Creation And Showing Information Using Servlet](#)
- [Batch 2 - Advanced JSP with Servlets and Database Part-1 \[TripAdvisor Exampe\]](#)

- Batch 2 - Advanced JSP with Servlets and Database Part-2 [TripAdvisor Example]
- Batch 1 - JSON Parsing with JSP and Servlet [Google Directions API]
- Batch 1 - JSP,Servlet and Database using Facebook Example
- Batch 2 - Create a Student Results Application Using JSP, Servlet, Database, Session
- Session handling in JSP
- File Uploading in JSP using Multipart Request
- Batch 1 - File Uploading and Display on JSP Page

## • Topics For Agile Development Software Practices Scrum Roles

- Course Introduction
- The Agile Manifesto
- Principles Behind the Agile Manifesto
- What is Scrum?
- Scrum Values
- The Scrum Empirical Process
- The Scrum Sprint
- Protecting the Sprint
- Ending a Scrum Project
- The Three Scrum Roles
- Committed and Involved Roles
- The Product Owner Role
- The Scrum Master Role
- The Scrum Team Role
- The Management Role
- Scrum and Culture Change
- The Four Scrum Artifacts
- The Product Backlog
- The Spike Product Backlog Item
- Product Backlog Items (PBI)
- Fat Product Backlog Items (PBI)
- The Sprint Backlog
- The Burn Down Chart
- The Product Increment
- The INVEST Independent Criteria
- The INVEST Negotiable Criteria
- The INVEST Valuable Criteria
- The INVEST Estimable Criteria
- The INVEST Small Criteria
- The INVEST Testable Criteria

## • Topics For Angular 4

- Introduction and overview of Angular JS 4
- Installation And Environment Setup
- The Structure of an Angular Application
- AngularJS First Application
- Data Binding Part - 1

- Data Binding Part - 2
- Creating Component Automatically In AngularJS
- Property Binding
- Function Binding
- UI Controls and User Input
- Get user input from the \$event object
- Get user input from a template reference variable Part-1
- Get user input from a template reference variable Part-2
- Key event filtering (with key.enter) Part-1
- Key event filtering (with key.enter) Part-2
- Blur in Angular
- List In Angular
- Single Page Application
- Forms in Angular - Template Driven
- Forms in Angular - Model Driven Part -1
- Forms in Angular - Model Driven Part -2
- Form Validation Part - 1
- Custom Validation
- Services In Angular
- Fetch Data Using Http Service
- Fetch Data Using Http Service - Firbase Backend Part-1
- Fetch Data Using Http Service - Firbase Backend Part-2
- Animations in Angular Part-1

### • Topics For Asp.Net Training

- Day 1 : Creating An Asp.Net Application Part 1
- Day 1 : Creating An Asp.Net Application Part 2
- Day 1 : Creating an Asp.Net Application Part 3
- Day 2 : Session Management - Sessions
- Day 2 : Session Management - Cookies
- Day 2 : Session Management - QueryString
- Day 2 : Session Management - View State
- Day 3 : Caching - Page Output Caching
- Day 3 : Caching - Data Caching
- Day 3 : Caching : Fragment Caching
- Day 4 : Form Based Authentication
- Day 4 : Encrypting Data Over Network
- Day 5 : Windows Based Authentication

### • Topics For Software Testing CTFL Training

- Course Introduction
- Why Test?
- Defining Testing
- Meeting Testing Objectives
- General Principles
- Applied Principles

- Test Planning and Control
- Test Analysis and Design
- Test Implementation and Execution
- Exit Criteria Evaluation and Test Closure
- The Mind-set of the Tester
- The Role of Communication
- The Code of Ethics
- The V-model
- Iterative-incremental Models
- Component Testing
- Integration Testing
- System Testing
- Acceptance Testing
- Functional Testing
- Nonfunctional Testing
- Structural Testing
- Change-based Testing
- Maintenance Testing
- Static Techniques and the Test Process
- Activities in a Formal Review
- Roles and Responsibilities in Reviews
- Types of Review
- Success Factors for Reviews
- Static Analysis by Tools
- Test Development Process
- Categories of Test Design Techniques
- Equivalence Partitioning
- Boundary Value Analysis
- Decision Table Testing
- State Transition Testing
- Use Case Testing
- Measuring Coverage and Designing Tests
- Statement Coverage and Testing
- Decision Testing and Coverage
- Condition Coverage
- Experience-based Techniques
- Choosing Test Techniques
- Test Organization and Independence
- Tasks of the Test Leader and Tester
- Test Planning
- Estimation
- Test Approach
- Test Progress Monitoring
- Test Reporting
- Test Control

- Configuration Management
- Project Risks
- Product Risks
- Incident Management
- Tool Support for Testing
- Test Tool Classification
- Tool Support for Test Management
- Tool Support for Static Testing
- Tool Support for Test Specification
- Tool Support for Test Execution and Logging
- Tools for Performance, Monitoring, and Specific Needs
- Potential Benefits and Risks of Tool Support
- Special Considerations for Some Tool Types
- Introduction of Tools to an Organization

### • Topics For Big Data Training

- Introduction to Google Cloud
- Create a Linux Instance on Google Cloud
- Update a Linux Instance
- Installation of Hadoop on Linux Instance
- Introduction to Map Reduce
- Perform Big Data analysis on real big datasets
- Project: Market Basket Analysis using Hadoop and MapReduce
- Project Market Basket Analysis: Explanation of index.php
- Project Market Basket Analysis: Explanation of register.php and signup.php
- Project Market Basket Analysis: Explanation of login.php
- Project Market Basket Analysis: Explanation of hadoop.php
- Project Market Basket Analysis: Explanation of upload\_file.php
- Project Market Basket Analysis: Explanation of ProcessApriori.java
- Multi Node Cluster Setup on Google Cloud Platform
- Mining Tool Project Deployment on Big Data Multi Node Cluster

### • Topics For Bootstrap Website Design Training

- Evolution of Twitter Bootstrap
- The Basics of Bootstrap
- Environment Set-up
- CSS
- Grid System
- Grid Layouts
- Simple Layout
- Fixed Grids
- Fluid Grids
- Typography
- Code
- Tables
- Forms



- Buttons
  - Images and Icons
  - Helper Classes
  - Responsive Utilities
  - Layout Components
  - Glyphicons
  - Dropdowns
  - Button Groups
  - Button Dropdowns
  - Merging Dropdowns with Button Groups
  - Updating Selected Items from Button Dropdowns
  - Emulating a Forms Submission
  - Input Groups
  - Tabular Navigation Elements
  - Adding a Dropdown Menu
  - Navigation Bar
  - Responsive Navigation Bars
  - Breadcrumbs
  - Pagination Overview
  - Pagination with jQuery and JavaScript
  - Labels
  - Badges
  - Jumbotron
  - Page Header
  - Thumbnails
  - Accordion
  - Alerts
  - Progress Bars
  - Media Objects
  - List Groups
  - Panels
  - Wells
  - Transition Plugin
  - Modal Plugin
  - Dropdown Plugin
  - Scrollspy Plugin
  - Tab Plugin
  - Tooltip Plugin
  - Popover Plugin
  - Alert Plugin
  - Button Plugin
  - Collapse Plugin
  - Carousel Plugin
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- [Topics For Building Dynamic Websites with PHP](#)

- The Architecture of Linux
- Installing the Linux Operating System
- Working with the Linux Command Line
- Editing a File in Linux
- Configuring a Network Service in Linux
- Installing the Apache Web Server
- Verifying the HTTPd Daemon
- Viewing Apache Logs
- Storing Data in a Table in RDBMS
- Installing MySQL on Linux
- Verifying the MySQL Database
- Securing the MySQL Installation
- Configuring the MySQL Server
- Creating a Table and Adding Data
- Installing PHP Packages
- Using Decision-making Operators in PHP
- Using Loops in PHP
- Connecting PHP with MySQL
- Selecting Data from MySQL Database
- Installing phpMyAdmin
- Administering MySQL Database by Using phpMyAdmin
- Comparing MySQLi and PDO
- Installing and Configuring MySQLi
- Using Persistent Connections with MySQLi
- Using Prepared Statement with MySQLi
- Using Stored Procedures with MySQLi
- Executing Multiple Statements with MySQLi
- Creating Transactions by Using MySQLi
- Creating Databases and Tables by Using MySQLi
- Inserting Data into a Database by Using MySQLi
- Retrieving Data from Database by Using MySQLi
- Updating Data by Using MySQLi
- Deleting Data by Using MySQLi
- Installing and Configuring PDO
- Creating Connections with PDO
- Creating Transactions and Autocommit by Using PDO
- Using Prepared Statements with PDO
- Using Stored Procedures with PDO
- Handling Errors by Using PDO
- Creating Database and Tables by Using PDO
- Inserting Data into a Database by Using PDO
- Retrieving Data from Database by Using PDO
- Updating Data by Using PDO
- Deleting Data by Using PDO

- Topics For C++ Fundamentals

- Creating classes and objects
- Adding private members to classes
- Adding protected member to classes
- Adding public member to classes
- Creating a class constructor
- Creating a class deconstructor
- Working with overloaded constructors
- Working with default constructors
- Creating pointers to classes
- Creating classes defined with struct
- Creating classes defined with union
- Overloading operators with classes
- Using the This keyword
- Static members of classes
- Declaring friend functions
- Declaring friend classes
- Understanding Traditional inheritance
- Using multiple inheritance

### • Topics For C#.NET Training

- Installation of Visual Studio 2015 Community Edition
- Unlock Visual Studio Evaluation Period
- Write your first console application in C# and Test
- Write your second console application in C# with command line arguments
- Manage Notifications in Visual Studio 2015
- Personalise Visual Studio 2015
- Manage Fonts and Colors in Visual Studio 2015
- Manage Menu and Toolbar in Visual Studio 2015
- Manage Start Page for Visual Studio 2015
- Differences between Executable and DLL Files in Windows
- Introduction to Testing in Visual Studio 2015
- Introduction to Debugging in Visual Studio 2015
- Introduction to Code Analysis in Visual Studio 2015
- Introduction to Cloud Services in Visual Studio 2015
- How to Create a Soap Webservice using Visual Studio 2015
- How to create client application to consume Soap Webservice using C#.NET in Visual Studio 2015
- Create Setup for Windows Form Application in Visual Studio 2015
- Software Development Fundamentals: Class Constructor Methods
- Software Development Fundamentals: Constructor
- Software Development Fundamentals: Methods
- Software Development Fundamentals: Storing Programs and Instructions in Memory
- Software Development Fundamentals: Memory Stack and Heap

### • Topics For C++ with Data Structures

- Introduction To C++

- Structure of C++ Program
- C++ Variables and Data Types
- C++ Arithmetic Operators
- C++ Relational Operators
- C++ Logical Operators
- C++ Assignment/Compound Assignment Operators
- C++ Ternary Operators
- Bitwise Operator
- The IF Statement
- The Switch Statement
- For Loop
- While Loop
- Do-While Loop
- Arrays In C++
- MultiDimensional Array
- Enumerators
- Tokens, Digraph and Trigraph Sequences
- Functions In C++
- Inline Functions
- Overloaded Functions
- Recursive Functions
- Understanding Pointers
- Null Pointers
- Pointer To An Array
- Passing Pointers To Functions
- Classes And Objects
- Adding Private Members To Classes
- Adding Public Members To Classes
- Adding Protected Members to Classes
- Constructor In C++
- Default Constructor
- Parameterized Constructor
- Copy Constructor
- Constructor Overloading
- Destructor
- Array Of Objects
- Introduction To Inheritance
- Single Inheritance
- Multiple Inheritance
- Multilevel Inheritance Part-1
- Multilevel Inheritance Part - 2
- Polymorphism : Method Overloading
- Polymorphism : Method Overriding
- Operator Overloading
- Using Namespace

- [Stack In C++](#)
- [Queue In C++](#)
- [Map In C++ Part 1](#)
- [Map In C++ Part 2](#)
- [C++ Dynamic Memory Allocation \(New and Delete\)](#)
- [Overloading New And Delete Operator](#)
- [Null Terminated String](#)
- [C++ Pre Processors](#)
- [Header and Source Files](#)
- [Creating New Data Types \(typedef\)](#)
- [References In C++](#)
- [Gets and Puts In C++](#)
- [Using Visual Studio CMD Prompt](#)

## • [Topics For Chatbot Training](#)

- [How to Build Chat-Bots: Overview](#)
- [History of Chat-Bots](#)
- [How to Build Chat-Bots: Uses and Types](#)
- [Model to Build Chat-Bots](#)
- [Make your First Chatbot with Microsoft Bot Framework](#)
- [Create a Facebook Messenger Chat Bot without Coding using Chatfuel](#)
- [How to create a Facebook Messenger Chat Bot without Coding using Motion AI](#)
- [Create an Email Chat-bot without Coding](#)
- [Chatbot Examination Level Easy](#)
- [Chatbot for Website and deploy on Google cloud platform](#)

## • [Topics For Cloud Computing](#)

- [Introduction to Google Cloud](#)
- [Create a Linux Instance on Google Cloud](#)
- [Update Linux Instance](#)
- [Installation of PHP and MySQL on Linux Instance for Development](#)
- [Create a Sample Web Application and Deploy on Cloud](#)
- [Configure DNS to Point to Server IP Address](#)
- [Google Cloud Sql](#)
- [Connecting Google Cloud Sql Locally](#)

## • [Topics For Coding for Hackers - Shell Scripting](#)

- [Shell Scripting Overview](#)
- [Shell Scripting Basics](#)
- [Unix, Linux and Mac OS Shells and Identification](#)
- [Bash Basics - Hello World](#)
- [Bash Basics - Variables](#)
- [Bash Basics - Arguments](#)
- [Bash Basics - Conditional Statements](#)
- [Bash Basics - For and While Loops](#)

- Topics For Competitive Programming

- Define competitive programming
- Types of competitive programmers
- How to become a competitive programmer: Type fast & correct
- How to become a competitive programmer: Identification of problems
- Introduction to Competitive problems: Complete search
- Analysis of Array, Vector, Counter and Index
- Bit Manipulations in C++ and Java
- Concepts of Stack, Queue and Deque in C++
- Set and Map in C++
- Priority Queue in C++
- Priority Queue in C++ [ Class Room Recording ]
- Practice Problem on Priority Queue - Little Monk and Virat
- Graph using Adjacency List in C++
- Graphs using Adjacency Matrix in C++
- Graph: Breadth First Search
- Graph: Depth First Search in C++
- Union Find Data Structures in C++
- Java: Union Find Data Structures
- Segment Tree Data Structures in C++
- Fenwick Tree C++
- Kruskal Algorithm Part-1
- Kruskal Algorithm Part-2

- Topics For Computer Hardware Troubleshooting

- Booting Sequence PC Issues
- Power and PC Crashes
- PC Troubleshooting Tools
- Troubleshooting Hard Drive Failures
- Troubleshooting RAID Arrays
- Troubleshooting Tools for Hard Drives and RAID
- Troubleshooting PC Display Issues
- Troubleshooting Projector Display Issues
- Printer Streaking, Fading, and Ghost Images
- Paper Jams
- Troubleshooting Print Queues
- Troubleshooting Printer Drivers
- Maintenance Kit for Printers
- Printer Error Messages

- Topics For Cybersecurity Analyst

- The OSI Model
- Network Hardware
- IPv4
- IPv6

- TCP and UDP
- Use Common Windows TCP/IP Utilities
- Use Common Linux TCP/IP Utilities
- Configure and Scan for Open Ports
- Network Services
- Wired and Wireless Networks
- Use Common Wireless Tools
- Internal and External Networks
- Cloud Concepts
- Cloud Service Models
- Virtualization
- Cloud Security Options
- Topology, Service Discovery, and OS Fingerprinting
- Reviewing Logs
- Packet Capturing
- Capture FTP and HTTP Traffic
- Network Infrastructure Discovery
- E-mail and DNS Harvesting
- Social Engineering and Phishing
- Acceptable Use Policy
- Data Ownership and Retention Policy
- Data Classification Policy
- Password Policy
- Threat Overview
- Threat Classification
- Personally Identifiable Information
- Payment Card Information
- Intellectual Property
- Data Loss Prevention
- Prevent Data Storage on Unencrypted Media
- Scope of Impact
- Stakeholders
- Role-based Responsibilities
- Incident Communication
- Host Symptoms and Response Actions
- Network Symptoms and Response Actions
- Application Symptoms and Response Actions
- Incident Containment
- Incident Eradication
- Lessons Learned
- OEM Documentation
- Network Documentation
- Incident Response Plan/Call List
- Incident Documentation
- Chain of Custody Form

- Change Control Processes
- Types of Reports
- Service Level Agreement
- Memorandum of Understanding
- Asset Inventory
- SDLC Phases
- Secure Coding
- Security Testing
- Host Hardening
- Patching Overview
- Use SCCM to Deploy Patches
- File System Permissions
- Network Access Control
- VLANs
- Determining Resource Access
- Honeypots
- Jump Box
- IT Security Governance
- Regulatory Compliance
- NIST
- ISO
- TOGAF
- SABSA
- ITIL
- Physical Controls
- Logical Controls
- Configure Router ACL Rules
- Administrative Controls
- Compensating Controls
- Continuous Monitoring of Controls
- Hardware Trust
- Penetration Testing
- Cryptography Primer
- Symmetric Cryptography
- Asymmetric Cryptography
- Public Key Infrastructure
- Request a PKI Certificate from a Windows CA
- Use Windows EFS File Encryption
- Fingerprinting, Hashing
- File Hashing in Linux
- File Hashing in Windows
- Authentication
- Configure Multifactor Authentication for VPN Clients
- Authorization
- RADIUS, TACACS+



- User Provisioning and Deprovisioning
- Identity Federation
- Server Vulnerabilities
- Endpoint Vulnerabilities
- Network Vulnerabilities
- Mobile Device Vulnerabilities
- Vulnerability Scanning Overview
- Vulnerability Scanning Settings
- SCAP
- Scan for Vulnerabilities using Nessus
- Common Vulnerability Scanning Tools
- Scan for Vulnerabilities using Microsoft Baseline Security Analyzer
- Review Vulnerability Scan Results
- Vulnerability Remediation
- Firewalling Overview
- Firewall Rules
- Packet Filtering Firewalls
- Configure a Packet Filtering Firewall
- Proxy Servers
- Security Appliances
- Web Application Firewall
- Intrusion Detection and Prevention Overview
- Host Intrusion Detection Systems
- Network Intrusion Detection Systems
- Network Intrusion Prevention Systems
- Malware Overview
- Viruses
- Worms
- Spyware, Adware
- Ransomware
- Antimalware
- User Training and Awareness
- Digital Forensics Overview
- Digital Forensics Hardware
- Digital Forensics Software
- Digital Forensics and Data at Rest
- Common Digital Forensic Tools
- Mobile Device Forensics
- Creating a Physical Memory Dump
- Viewing Deleted Files on a Hard Disk
- Hiring and Background Checks
- User Onboarding and Offboarding
- Personnel Management Best Practices
- Threats, Vulnerabilities, and Exploits
- Spoofing

- Packet Forgery using Kali Linux
- Impersonation
- Cross-site Scripting
- Root Kits
- Privilege Escalation
- Common Exploit Tools
- Exploring the Metasploit Suite of Tools
- Exploring the Kali Linux Suite of Tools
- Password Cracking
- Reasons for Monitoring
- Common Monitoring Tools
- Linux OS Monitoring Tools
- Windows OS Monitoring Tools
- Windows Event Log Forwarding
- SIEM
- SCADA and ICS
- Monitoring Network Bandwidth
- Point-in-time Data Analysis
- Data Correlation and Analytics
- Detailed Log Analysis

#### • Topics For Customer Service Skills

- Course Overview
- Formal and Informal Communication
- Overcoming Barriers to Communication
- Implementing Effective Speaking Skills
- Using Vocal Cues
- Effective Listening Skills
- Being an Active Listener
- Paraphrasing

#### • Topics For Data Analysis

- Basic Data Science Math
- Linear Algebra Vector Math
- Linear Algebra Matrix Math
- Linear Algebra Matrix Decomposition
- Data Formation
- Introduction to Probability
- Working with Events
- Working with Probability
- Continuous Probability Distributions
- Discrete Probability Distributions
- Introduction to Bayes Theorem
- Sampling Data
- Statistical Measures
- Estimators

- Sampling Distributions
- Confidence Intervals
- Hypothesis Tests
- Chi-Square

### • Topics For Data Mining

- Basics of Correlation
- Scatter Diagram and Correlation Analysis
- Correlation Pearson Coefficient
- Causation and Significance of Correlation
- Basics of Regression Analysis
- Predicting outcomes with Regression Analysis
- Basics of Hypothesis Testing
- Null and Alternative Hypothesis
- Type I and Type II Errors in Hypothesis Testing
- One versus Two Tailed hypothesis tests
- Power of a Test
- P-Value for a Hypothesis Test

### • Topics For Data Structures and Algorithms

- One Dimensional Array
- Multi Dimensional Array
- Transpose of a Matrix
- Sparse matrix part 1
- Sparse matrix part 2
- Character Array
- String Array
- Stacks part 1
- Stacks part 2
- Queue part 1
- Queue part 2
- Queue part 3
- Queue part 4
- Stack Implementation Using C
- Queue Implementation Using C
- Declaring Structures
- Nested Structures
- Structures and Functions
- Pointers
- Pointing To Structures
- Structures And Bit Fields
- Linked List Part-1
- Linked List Part - 2
- Linked List Part-3
- Introduction To Algorithm
- Time and space complexity

- Binary Search Using Recursion
- Binary Search Tree
- Binary Search Tree Insertion Part - 1
- Binary Search Tree Insertion Part - 2
- Binary Search Tree - Searching
- Binary Search Tree - Deletion
- Doubly Linked List Part-1
- Doubly Linked List Part-2
- Circular Linked List C++
- Graph using Adjacency List in C++
- Graphs using Adjacency Matrix in C++
- Graph: Breadth First Search
- Graph: Depth First Search in C++
- Bubble Sort Part - 1
- Bubble Sort Part - 2
- Selection Sort Part - 1
- Selection Sort Part-2
- Merge Sort Part - 1
- Merge Sort Part - 2
- Quick Sort
- Topological Sort

### • Topics For Device Forensics

- Device Forensics
- Device Forensics on Virtual Devices
- How to take Device dump of a real device
- Mobile Forensics - Android EMMC Devices
- Create a Kali Linux Image on Amazon EC2
- Convert PEM file to PPK [Putty Private Key]
- Update Kali Linux and Metasploit Framework
- Start Apache Server on Kali Linux
- Create Malicious Android APK with Meterpreter Payload using MSFVENOM
- Create a Listener for Android Reverse HTTP Shell from Victims
- Download App on Victim Device and Get Hacked

### • Topics For Embedded System Arduino

- Introduction to Arduino UNO Board and ATMEGA 328 P Microcontroller
- Plug Microcontroller on Arduino UNO and Connect to PC for Programming
- Connect Arduino UNO Board with Arduino IDE and Write, Debug your First Program in C/C++
- Testing your First Application on Arduino UNO
- Create and LED Lighting Application using Arduino UNO
- Testing LED Lighting Application on Arduino UNO

### • Topics For Getting started with Ubuntu

- Course Introduction

- Configuring VirtualBox to Install Ubuntu
- Installing Ubuntu 14.04
- Ubuntu with VirtualBox Guest Additions
- Introduction to Kubuntu, Lubuntu, and Xubuntu
- Introduction to the Ubuntu Software Center
- APT Software Package Manager
- Desktop Search with Unity Dash
- Navigating Workspaces
- Setting Appearance and Brightness & Lock
- Introduction to Security & Privacy
- Introduction to Backups
- Introduction to the File Manager
- Introduction to System Monitoring
- Introduction to Software & Updates
- Introduction to Emacs
- Introduction to Vi/Vim
- Introduction to File Permissions
- The Dangers of 'rm -rf'
- Using tar, gzip, and bzip2
- Configuring and Using sudo
- Modifying Locale Settings
- Sharing Files with Samba
- Connecting to a Windows Share
- Introduction to ssh and scp
- Using ssh Keys
- Adding and Modifying Users
- Adding and Modifying Groups
- Introduction to Environment Variables
- Creating Aliases in .bashrc
- Introduction to chgrp, chmod, and chown
- Introduction to cp, mv, and mkdir
- Introduction to df and du
- Introduction to diff
- Introduction to find
- Introduction to grep
- Introduction to awk
- Introduction to sed
- Introduction to head, tail, more, and less
- Introduction to kill
- Introduction to wc
- Introduction to curl
- Introduction to openssl Digest Functions
- Introduction to nginx
- Introduction to MariaDB
- Configuring PHP

- Introduction to the Basic LEMP Stack
- Installing a Basic SSL/TLS Certificate in nginx
- Managing /etc/hosts for Web Development

- Topics For Google Analytics

- Google Analytics Introduction
- Digital Analysis and Common Digital Strategies
- Elements of Digital Analysis
- Analysis Techniques
- Conversions and Attribution
- Resources for Data Measurement
- Creating a Measurement Plan
- Document Infrastructure and Plan Implementation
- Google Analytics Data Collection and Processing
- Types of Data
- Commonly Used Metrics
- Creating and Navigating a Google Account
- Setting Data Filters
- Goal and Ecommerce Tracking
- Choosing Data Sources
- Reporting Tasks and Navigation
- Audience Reports
- Acquisition Reports
- Adwords Reports
- Behavior Reports
- Creating custom reports and using Dashboards
- Goal Flow Report
- E-commerce Reports
- Multi-Channel Funnel Reports
- Attribution Reports
- Introduction to Tag Manager
- Configuring Tag Manager
- Adding Tag Manager Site Support
- Tag Manager Concepts
- Using the Analytics SDK
- Using the Google Tag Manager
- Upgrading from Legacy Page Tracking
- Upgrading Google Tag Manager
- Interacting with Analytics Programmatically
- Google Management API
- Introducing core reporting
- Using the query explorer
- Google Analytics Spreadsheet Add On
- Analytics Mobile App

- Topics For Hackveda Cybersecurity

- Concepts of networking and connecting remote computers using Netcat
- Port Scanning using Nmap, Zenmap and Network Statistics
- Network Services, Wired and Wireless Networks
- Concepts of ARP Spoofing and Man in the Middle Attack
- Practical Demonstration: Man in the Middle Attack using ARPSPOOF
- How to create virus program using metasploit framework
- How to create virus program for victims on internet
- Device Forensics
- Device Forensics on Virtual Devices
- How to take Device dump of a real device
- Server and Website Vulnerability Scanning using Nikto and Owasp ZAP
- Hacking Websites using SQL Injections
- Hiding files using Alternate Data Streams
- Concepts of Firewalls, Intrusion Detection Systems
- Concepts of Proxy Servers
- Password Cracking of Winrar and Winzip Archives
- Security Policies in Windows Operating System
- OS Monitoring Tools and Windows Event Logging
- Web Event Logging in Windows OS
- Cross Site Scripting Attack and Hacking User session on a website
- How to Create Self Extracting Exe for Netcat
- Create a Kali Linux Image on Amazon EC2
- Convert PEM file to PPK [Putty Private Key]
- Update Kali Linux and Metasploit Framework
- Start Apache Server on Kali Linux
- Create Malicious Android APK with Meterpreter Payload using MSFVENOM
- Create a Listener for Android Reverse HTTP Shell from Victims
- Download App on Victim Device and Get Hacked
- Wannacry/Wannacrypt Ransomware Prevention
- Antivirus Safe Meterpreter Payload
- Denial Of Service Attacks on Websites
- How to create antivirus bypass meterpreter virus

## • Topics For Internet of things applications

- Course Introduction
- Introduction to IoT
- History of IoT
- Promise of IoT
- IoT Applications Overview
- IoT Security Concerns
- IoT Driving Forces
- IoT and the Internet
- IoT Protocols
- Characteristics of IoT Systems
- Connected Homes and Home Automation

- Connected Vehicles
- Industrial Applications
- Wearable Devices
- Introduction to IoT Operating Systems
- Windows 10 IoT Core
- Linux
- Contiki
- RIOT
- TinyOS
- Additional IoT Operating Systems
- AllSeen and AllJoyn
- Eclipse Kura
- Eclipse Mihini
- IoTivity

## • Topics For Java Programming

- Introduction To Java
- Installation Of JDK
- Variables
- Data Types
- Operators Part 1
- Operators Part 2
- Ternary Operator
- Conditional Statements
- Switch Case
- For Loop
- While Loop
- Do-While Loop
- Classes and Objects
- Methods In Java
- Method Overloading In Java
- Constructor In Java
- Constructor Overloading
- Introduction To Inheritance
- Types Of Inheritance
- Super Keyword
- Access Modifiers In Java
- Nested Class
- Overview of Exception Handling
- Exception Handling : Try-Catch , Nested Try ,Multi Catch
- Exception Handling : Finally
- Exception Handling : Throw Keyword
- Exception Handling : Throws Keyword
- Final Keyword
- Abstract Classes and Methods



- Bitwise Operators
  - Working with Date and Time
  - Java Date/Time API
  - Formatting Dates
  - LocalDate Class Part 1
  - LocalDate Class Part-2
  - Java LocalTime Class
  - Java LocalDateTime Class
  - Polymorphism
  - Java Swings Part-1
  - Java Swings Part-2
  - Swings - Event Handling
  - Using An Array
  - Using Loop To Process An Array
  - Two-Dimensional Array
  - The JDBC API
  - Creating And Running A Jar File
  - Running a jar file using cmd
  - String Builder Class
  - Math.Random Method
  - ArrayList Class
  - Converting an array into arraylist
  - Lambda Expression
  - Using Casting / TypeCasting
  - File Handling/ByteStream Part 1
  - File Handling/Byte Stream Part2
  - Character Stream
  - Interface
  - Using Interface
  - Extending Interfaces
  - Assertions In Java
  - Creating Generic Class
  - Java Enum
  - Stream API Example
  - Stream API and Fork Join Framework
  - Stream Operations
  - Stream Map
  - Stream FlatMap
  - Stream Sorting
  - Java File Class
  - Using the Stream API with NIO.2
  - Method Reference
  - Method Chaining
- 
- Topics For Mobile Security Training

- Understanding the Android Environment
- Android Standalone SDK Tools
- Understanding Linux Kernel
- Understanding Android Runtime Concepts and Application Services
- Getting Familiar with Android Activity Lifecycles Part 1
- Getting Familiar with Android Activity Lifecycles Part 2
- Understanding Android Application Framework
- Overview of Android Software Stack Layers
- Overview of Application User Protection Levels
- Getting Familiar with Code Signing & Packaging an Android Application
- Updating an Android Application
- Identifying Application-based Permissions
- Enabling the ProGuard Tool in Android SDK
- Leveraging Linux Security Services in Android
- Understanding Permissions Assignment
- Working with Android Shared Users IDs
- Create a Kali Linux Image on Amazon EC2
- Convert PEM file to PPK [Putty Private Key]
- Update Kali Linux and Metasploit Framework
- Start Apache Server on Kali Linux
- Create Malicious Android APK with Meterpreter Payload using MSFVENOM
- Create a Listener for Android Reverse HTTP Shell from Victims
- Download App on Victim Device and Get Hacked
- Scanning a Network Using Nmap
- Examining Network Activity with BusyBox
- Foundations of Android Security: Analyzing Network Traffic Using Wireshark - Part 1
- Foundations of Android Security: Analyzing Network Traffic Using Wireshark - Part 2
- Foundations of Android Security: Analyzing Android Device Mount Points
- Mobile Forensics - Android EMMC Devices

## • Topics For Networking Training

- What is a Network
- Physical components of a Network
- Characteristics of a Network
- Topologies
- Interpreting a Network Diagram
- Introducing host to host communications
- Local Area Network
- LAN Components
- Cisco IOS Packet Tracer
- Cisco IOS Introduction part 1
- CISCO IOS Introduction part 2
- Implementation of Static Routing
- CLI Help
- Navigating The IOS CLI on a Catalyst IOS Switch

- Dynamic Routing - RIP
- IP Addressing Part-1
- IP Addressing Part-2
- EIGRP Part-1
- EIGRP Part-2
- Switch
- 2960X-48FPS-L Switch
- Cisco Catalyst WS-C3850-48T
- Router Internal Components
- ROM Functions
- Configuration Register
- Router Configuration Cisco Packet Tracer
- Locating Cisco IOS Image Files
- Loading Cisco IOS Image Files and Show Version
- Backing Up the Running Configuration on a Router
- Basic Switch Configuration
- Erasing NVRAM and reloading a switch - Part 1
- Erasing NVRAM and reloading a switch Part-2
- Configuring HTTP Server

## • Topics For NodeJS Training

- Node.js: Installation
- Node.js: Testing an Installation with the REPL
- Node.js: Managing Node versions
- Node.js: Key Feature of Node.js Syntax
- Node.js: Code Editors and IDEs
- Node.js: Core Modules
- Node.js: NPM Modules
- Node.js: Creating Modules
- Node.js: NPM Package Managements
- Node.js: Creating a Basic HTTP Server
- Node.js: Processing Requests to a Web Server
- Node.js: Core Modules
- Node.js: Creating a Basic HTTP Client Application
- Node.js: Managing Client Requests and Responses
- Node.js: Handling Web Server Events
- Node.js: Serving Static Files
- Node.js: Parsing URLs
- Node.js: Working with Query Strings
- Node.js: Navigating Directories
- Node.js: Adding and Removing Directories
- Node.js: Reading Files
- Node.js: Writing to Files
- Node.js: Watching for Directory Changes
- Node.js: Watching for File Changes

- Node.js: Connecting to MySQL Server
- Node.js: Connecting to PostgreSQL
- Node.js: Accessing MongoDB with Mongoose
- Node.js: Accessing MongoDB with Mongoskin
- Node.js: Working with CouchDB
- Node.js: Using Cassandra
- Node.js: Implementing Redis
- Node.js: Creating a TCP Server
- Node.js: Creating TCP Server Connections
- Node.js: Configuring a TCP Server's Settings
- Node.js: Configuring a TCP Client
- Node.js: Setting up AngularJS dependencies using Bower
- Node.js: Creating a WebSocket Server with the WebSocket API
- Node.js: Creating a WebSocket Client with the WebSocket API
- Node.js: Using Socket.IO
- Node.js: Installing Express
- Node.js: Express App Files
- Node.js: Creating a Basic Application with Express
- Node.js: Introducing Jade
- Node.js: Working with Jade
- Node.js: Using Handlebars
- Node.js: Routing with Express
- Node.js: Working with Failed Requests
- Node.js: Handling Express Route Errors with the Domain Module
- Node.js: Configuring Express Routes in a RESTful API Server
- Node.js: Introducing the MEAN Stack
- Node.js: Creating a MEAN app Using a Generator
- Node.js: Connecting to a Microsoft SQL Server
- Node.js: Creating and Using Custom Events with EventEmitter
- Node.js: Processing Events Globally
- Node.js: Creating Child Processes with Spawn
- Node.js: Running Shell Commands as Child Processes with Exec
- Node.js: Running Shell Files as Child Processes with ExecFile
- Node.js: Creating Inter-Communicating Child Processes with Fork
- Node.js: Clustering Processes
- Node.js: Using Timers
- Node.js: Hash Algorithms
- Node.js: Hashing Data
- Node.js: Checking Files with Hashes
- Node.js: Securing User Credentials
- Node.js: Encrypting Data with OpenSSL Ciphers
- Node.js: Securing Server Transmissions with the TLS Module
- Node.js: Authorization Part 1. Database and View Setup
- Node.js: Local Authentication Part 1. Database and View Setup
- Node.js: Message Authentication with HMAC

- Node.js: Token-based Authentication Part 1. Database and View Setup
- Node.js: Logging Information to the Console
- Node.js: Using the Core Debugger
- Node.js: Using Node.js Inspector
- Node.js: Testing with the Node.js Assert Module
- Node.js: Testing with the nodeunit Module
- Node.js: Testing with Mocha Test Framework
- Node.js: Testing with the Should Assertion Library
- Node.js: Testing with Vows Test Framework
- Node.js: Testing with Chai Assertion Library
- Node.js: Testing with supertest
- Node.js: Testing REST API Servers with mocha and superagent
- Node.js: Code Coverage with istanbul
- Node.js: Code Coverage with Node cover
- Node.js: Deploying Applications to Amazon Web Services
- Node.js: Deploying Applications to Windows Azure
- Node.js: Deploying Applications to Nodejitsu
- Node.js: Deploying Applications to Heroku
- Node.js: Publishing Modules to NPM
- Node.js: Using git
- Node.js: Keeping Scripts Running with Forever
- Node.js: Creating a DNS Server Application
- Node.js: Using MongoDB in a RESTful API Server
- Node.js: Configuring AngularJS services in a MEAN app
- Node.js: Configuring AngularJS Controllers and the App Index Page in a MEAN App
- Node.js: Refactoring a Manual MEAN App Configuration
- Node.js: Encrypting Credentials
- Node.js: Local Authentication Part 2. Configuring Passport to Authenticate Using a LocalStrategy
- Node.js: Local Authentication Part 3. Defining Routes and Implementing Local Authentication in Express
- Node.js: Authorization Part 2. Implementing Role-Based Authorization in an Express Application
- Node.js: Token-Based Authentication Part 2. Configuring Passport to use a Token-Based Strategy
- Node.js: Token-Based Authentication Part 3. Defining Routes and Implementing Token-Based Authentication
- Node.js: Configuring HTTP POST Requests from a Client Application
- Node.js: Handling Errors in a TCP Server
- Node.js: Using ws
- Node.js: Working with Route Parameters in Express
- Node.js: Using the Express 4.0 Router
- Node.js: Configuring Node and Express in a MEAN app
- Node.js: Configuring MongoDB in a MEAN app
- Node.js: Setting up Express Routes in a MEAN app
- Node.js: Working with the Process Object
- LoopBack Node.js Framework: Installing the LoopBack Framework

- [LoopBack Node.js Framework: Creating APIs with LoopBack](#)
- [LoopBack Node.js Framework: Using the LoopBack API Explorer](#)
- [LoopBack Node.js Framework: Using a Data Source](#)
- [LoopBack Node.js Framework: Extending Your API](#)
- [LoopBack Node.js Framework: Adding HTML Pages to Your LoopBack Application](#)
- [LoopBack Node.js Framework: Adding Custom Routes](#)
- [LoopBack Node.js Framework: Running LoopBack Apps in Clusters](#)
- [LoopBack Node.js Framework: Creating New Models](#)
- [LoopBack Node.js Framework: Defining Relations Between Models](#)
- [LoopBack Node.js Framework: LoopBack Access Controls](#)
- [LoopBack Node.js Framework: Using Remote Hooks](#)
- [Node.js and .NET: Introduction to Node.js](#)
- [Node.js and .NET: Installing Node.js](#)
- [Node.js and .NET: Managing Node.js Versions](#)
- [Node.js and .NET: Node.js Package Manager](#)
- [Node.js and .NET: Node.js Modules](#)
- [Node.js and .NET: Debugging Node.js in the Console](#)
- [Node.js and .NET: Using Node.js with Microsoft.NET](#)
- [Node.js and .NET: Installing Node.js Tools for Visual Studio](#)
- [Node.js and .NET: Node.js Projects in Visual Studio](#)
- [Node.js and .NET: Creating a Basic Node.js Web Application](#)
- [Node.js and .NET: Node.js Intellisense in Visual Studio](#)
- [Node.js and .NET: NPM in Visual Studio](#)
- [Node.js and .NET: Using the Node.js Interactive Window](#)
- [Node.js and .NET: Creating a Node.js Azure Cloud Service](#)
- [Node.js and .NET: Creating a Node.js Application from Existing Code](#)
- [Node.js and .NET: Creating a Blank Node.js Console Application](#)
- [Node.js and .NET: Creating a Blank Node.js Web Application](#)
- [Node.js and .NET: Creating a Basic Node.js Express 3 Application](#)
- [Node.js and .NET: Creating a Starter Node.js Express 3 Application](#)
- [Node.js and .NET: Creating a Basic Node.js Express 4 Application](#)
- [Node.js and .NET: Creating a Blank Azure Node.js Web Application](#)
- [Node.js and .NET: Creating a Blank Azure Node.js Express 3 Application](#)
- [Node.js and .NET: Creating a Starter Azure Node.js Express 3 Application](#)
- [Node.js and .NET: Creating a Basic Azure Node.js Express 4 Application](#)
- [Node.js and .NET: Debugging Node.js in Visual Studio](#)
- [Node.js and .NET: Introduction to Edge.js](#)
- [Node.js and .NET: Installing Edge.js](#)
- [Node.js and .NET: Including Edge.js in a Simple C# Application](#)
- [Node.js and .NET: Calling Node.js from C#](#)
- [Node.js and .NET: Calling C# from Node.js](#)
- [Node.js and .NET: Including C# References](#)
- [Node.js and .NET: Data Marshalling](#)
- [Node.js and .NET: Exporting Functions](#)
- [Node.js and .NET: Working with F#](#)

- Node.js and .NET: Working with PowerShell
- Node.js and .NET: Utilizing T-SQL in Node.js
- Node.js and .NET: Error Handling and Debugging
- Node.js and .NET: Using Node.js in a .NET Application
- Node.js and .NET: Using Node.js Modules in .NET
- Node.js and .NET: Node.js Events
- Node.js and .NET: Working with Node.js State in .NET
- Node.js and .NET: Introducing iisnode
- Node.js and .NET: Installing iisnode in IIS
- Node.js and .NET: Microsoft WebMatrix
- Node.js and .NET: WebMatrix Templates for Node.js
- Node.js and .NET: Working with Express and Jade Templates
- Node.js and .NET: Configuring iisnode in web.config
- Node.js and .NET: Tracing and Debugging Node.js with IIS
- Node.js and .NET: Using Node.js with SQL Server
- Node.js and .NET: Mapping JSON to SQL Data Types for Node.js
- Node.js and .NET: Microsoft Driver for Node.js for SQL Server
- Node.js and .NET: Node.js Modules for SQL Server
- Node.js and .NET: Using restify with SQL Server
- Node.js and .NET: Using Stored Procedures with Node.js
- Node.js and .NET: Using .NET code to Query SQL Server for Node.js
- Node.js and .NET: The Azure SDK for Node.js
- Node.js and .NET: Creating a Basic Node.js Application for Azure
- Node.js and .NET: Using the Azure Emulator
- Node.js and .NET: Deploying Node.js Applications to Azure
- Node.js and .NET: Using Express on Azure
- Node.js and .NET: Accessing SQL Server from Node.js in Azure
- Node.js and .NET: Removing Node.js Applications from Azure
- Node.js and .NET: The Azure Table Service
- Node.js and .NET: Using the Azure Storage SDK for Node.js
- Node.js and .NET: Creating Tables with the Azure Table Service
- Node.js and .NET: Using Entities
- Node.js and .NET: Working with Multiple Entities
- Node.js and .NET: Querying Entities
- Node.js and .NET: Deleting Entities and Tables

## • Topics For NodeJS Programming

- Introducing Express
- Installing Node Npm and Express
- Installing and Using Express Generator
- Exploring the Express Generator Directories
- Describing package.json
- Running the Default Express Generator App
- Express Api: Using the static configuration options
- Express Api: Describing the Application API

- Using the Application API Settings
- Describing the Request API
- Describing the response api
- Describing the response methods
- Describing the Express Routing
- Using the Router Method
- Using Route Paths
- Using Route Handlers
- Creating a Router Interface
- Adding Routes
- Describing the Jade Template
- Adding a View using Jade
- Rendering a View
- Passing Data to the View
- Using the MVC Pattern

## • Topics For NodeJS Training Hackveda

- Introduction to Server Setup with Netcat
- Understanding Server Request Response using Tamper Data Plugin Firefox
- Understand Requests using OWASP ZAP
- Installing Node Npm and Express
- Installing and Using Express Generator
- Install Dependencies in Express Project and Running the Default Express Generator App
- Exploring the Express Generator Directories and Describing package.json
- Download Brackets [IDE] for UI Development
- Develop an html web application and deploy on Node Server
- Understand routes for Node Server
- Develop routes for Node Server
- Develop an application to receive arguments from UI into routes via Get / Post
- Route Methods in Node.js : Using all HTTP Methods
- How Data Models can be created in Node.js
- How to create HTML Jade Layouts
- Using loops in Jade HTML
- Sending GET/POST requests from Jade to controller
- Creating an MVC application for Node.js
- MySQL Databases with Node.js
- Connect MySQL with Node.js
- Log Fields from mysql query
- Execute SELECT statement and read single data from rows
- Execute SELECT statement to read multiple data from rows
- Insert values into database via jade layout
- Read values from database and display on jade layout
- Linux: Create Install Deploy Node Project on Google Cloud
- Firewall and DNS configuration for Node Project

## • Topics For Oracle Java SE 8



- Course Introduction
- Introduction to Computer Programs
- Introducing the Java Technology
- Key Features of the Java Language
- Setting up the Java Development Environment
- Features of the Installed JDK
- Overview of Compiling and Running a Java Program
- Compiling and Running a Program
- Java Classes and Packages
- Creating a Java Class
- The Main Method
- Creating a Main Method
- Introducing Variables
- Overview of the String Variable
- Using String Variables
- Introducing the int and double Numeric Data Types
- Using Standard Mathematical Operators
- Using and Manipulating Numbers
- Working with Conditions
- Using if Statements
- Working with an Array of Items
- Using an Array
- Loops and Array Items
- Using a Loop to Process an Array

- Topics For PHP Basics Databases & Webservices

- Introduction To PHP
- PHP Syntax
- Variables In PHP
- Variable Scope
- Operators In PHP
- Installation of PHP and MySQL on Linux Instance on Google Cloud Platform
- Create a Sample Web Application and Deploy on Google Cloud Platform
- Create a PHP Webservice file on Godaddy Server
- Understanding GET requests with Tamper Data in Firefox
- PHP Webservice JSON Output
- Send a GET request to webservice with arguments
- Consume JSON output of PHP Webservice in Android
- Fetch data from database and display JSON response in PHP
- Create a Signup and Login App using Webservice in PHP and JSON
- Installation Of PHP Mysql Services On GCP

- Topics For Python Fundamentals

- An Overview of Python
- The Philosophy of Python
- Python 2 vs Python 3

- Installing Python 3 on Windows
- Installing Python 3 on Linux
- Python IDEs
- Whitespace in Python
- Read, Evaluate, Print, Loop
- Hello World
- User Input
- Modules and Imports
- The int Type in Python
- The float Type in Python
- Basic Math Functions in Python
- The bool Type in Python
- The str Type in Python
- The bytes Type in Python
- The bytearray Type in Python
- The list Type in Python
- The tuple Type in Python
- Slicing in Python
- The range Type and Function in Python
- The set Type in Python
- The dict Type in Python
- The While Loop in Python
- The For Loop in Python
- The if Statement in Python

## • Topics For Python Machine Learning Course

- Data Science Architecture
- Data Science Stages
- Python libraries for Data Science
- Installing Anaconda for Python
- Using Data Containers in Python
- Lists and Dictionaries
- Python List Comprehensions
- IPython Components
- Exploring Jupyter Components
- Capturing output in Jupyter Notebook
- The Jupyter QT Console
- Debugging and Error Handling
- NumPy Overview
- NumPy components
- NumPy ndarray objects
- NumPy operations
- Creating NumPy Arrays
- Reading and Writing Data using Pandas
- Reading and Writing CSV Data using Pandas

- Reading JSON Data
- Generating and Parsing Dates using Pandas
- Cleaning Up Data Arrays
- Loading a Dataset from a URL
- Handling Large Datasets
- Best functionality of pandas
- Pandas data structures overview
- Hierarchical Indexing with Pandas
- Querying data in pandas
- Data aggregation using Pandas DataFrames
- Data merging with Pandas DataFrames
- Scipy Overview
- Standardizing Data
- Normalizing Data
- Performing Linear Regression
- Supervised learning with Scikit-Learn
- Matplotlib Comprehensive 2D plotting tool
- Using figures and subplots
- Creating Box Plots
- Creating Heatmaps
- Using Legends and Annotations
- Creating a Scatter Plot Matrix
- Additional Python Visualization Tools
- Manipulating Time Series in Python
- Working with timedeltas
- Data cleansing with Python
- Data preprocessing and Text Mining
- Accessing databases from Pandas
- Various Forms of distribution

## • Topics For R Programming Training

- R Programming: Installing R
- R Programming: Installing R on Linux
- R Programming: Installing Rstudio
- R Programming: Introduction to the R Environment
- Assignment and Environment Management
- R Programming: For Loops in Rstudio
- R Programming: While Loops in Rstudio
- R Programming: If Else Conditions in Rstudio
- R Programming: Create Functions in Rstudio
- R Programming: Read CSV Files in Rstudio
- R Programming: Write CSV Files in Rstudio
- R Programming: Basic Data Types in R Programming
- Mathematical Functions: Compute Log in Rstudio
- Mathematical Functions: Compute exponentials in Rstudio

- Mathematical Functions: Compute maxima and minima in Rstudio
- Mathematical Functions: Rounding of Numbers in RStudio
- Mathematical Functions: Correlation in RStudio
- Mathematical Functions: Compute Sum in RStudio
- Mathematical Functions: Compute Mean in RStudio
- Mathematical Functions: Compute Median in Rstudio
- R Programming: Rank of Elements in Vectors
- R Programming: Matrixes in R Studio
- R Programming: Lists in RStudio
- Linux R Programming: How to configure website domain name for Server IP Address
- Linux R Programming: Generate Plot for Ice Cream Sales example
- Linux R Programming: Create and Execute Rscript
- Linux R Programming: Install arules and arulesViz for Market Basket Analysis
- Project: Market Basket Analysis - Mining Tool
- R Programming: Using the CRAN: Comprehensive R Archive Network
- R Programming: Generating Pseudorandom Numbers
- R Programming: Debugging with Traceback, Print, and Cat
- R Programming: Debugging with Browser and Debug
- R Programming: Handling Missing Data
- R Programming: Using the Built-In Data Sets
- R Programming: Computing the Mode
- R Programming: Measuring Variance and Standard Deviation
- R Programming: Measuring Mean Absolute Deviation
- R Programming: Formatting Tabular Data
- R Programming: Creating Pie Charts
- R Programming: Creating Bar Charts
- R Programming: Creating Box Plots
- R Programming: Creating Histograms
- R Programming: Creating Line Plots
- R Programming: Creating Scatter Plots
- R Programming: Exporting Graphics

## • Topics For Securing User Accounts

- Importance of User Account Security
- Authenticity
- Integrity
- Confidentiality
- Security Attack Motives
- Security Attack Phases
- Username Enumeration
- CSRF
- Web Server Password Cracking
- Vulnerability Scanning
- Patches and Updates
- Implementing Common Network Protocols

- Implementing Common Account Protocols
- Event Logging
- Principle of Least Privilege
- Defense in Depth
- Privilege Management
- Permissions Categories
- Naming Conventions
- Limiting Logon Attempts
- Setting Account Expiry Dates
- Disabling Unused Accounts
- Setting Time Restrictions
- Setting Machine Restrictions
- Authentication and Identification
- User Authentication Components
- Authentication Types
- Authorization
- User Logon Process
- Authentication Credentials Overview
- Password Credentials
- Asymmetric Key Credentials
- Biometric Credentials
- Ticket-based Hybrid Authentication
- Registration Basics
- Username Best Practices
- Account Verification
- Using CAPTCHA
- Enabling Two-Step Verification
- Preventing Username Enumeration
- Password Strength Criteria
- Password Complexity Requirements
- Password Field Security
- Password Strength Feedback
- Enforcing Password History Policies
- Password Age Policies
- Protecting Against Password Hacking
- Overview of the Logon Feature
- Development Best Practices
- Using SSL for Logon Security
- Managing Simultaneous Sessions
- Common Logon Attacks
- Logon Fraud Detection and Prevention
- Overview of the Logoff Feature
- Session Expiry
- Remote Logoff
- Securing Logoff Against CSRF

- Password Storage Best Practices
- Password Hashing Best Practices
- Overview of Password Reset
- Timed Password Reset
- Implementing Verification Questions
- Password Hints
- Account Change Risks
- At-risk Account Attributes
- Password Verification for Changes
- Implementing Account Change Notifications
- Confirming Account Changes
- Dealing with Compromised Systems
- Collecting Attack Evidence
- Neutralizing Attacks

- Topics For Time Management

- Aligning your Goals with the Organization
- Asking questions to clarify your goals
- Establishing Priorities
- Using a prioritizing matrix

- Topics For Big Data Basics

- Big Data Characteristics
- Benefits of Big Data
- Data Source Types for Big Data
- Big Data by Market Sector
- Big Data and Security
- Phases of the Data Life Cycle
- Big Data and the Data Analysis Process
- Big Data and Business Intelligence
- Basic Analytics for Big Data
- Advanced Analytics for Big Data
- Data Storage, Management, Cleaning, and Mining Tools
- Data Analysis, Visualization, and Integration Tools
- Big Data Analysis Challenges

- Topics For TOGAF Fundamentals

- Enterprise Architecture
- Architecture Framework
- TOGAF
- Architecture Types
- Development Method
- Outputs to the Method
- Architecture Repository and Enterprise Continuum
- Enterprise Architecture Capability

- Preliminary Phase
- Architecture Vision (A)
- Business Architecture (B)
- Information Systems Architecture (C)
- Technology Architecture (D)
- Opportunities and Solutions (E)
- Migration Planning (F)
- Implementation Governance (G)
- Architecture Change Management (H)
- Requirements Management
- Iteration and Landscape
- Security
- SOA
- Architecture Principles
- Stakeholder Management
- Architecture Patterns
- Business Scenarios
- Gap Analysis
- Migration
- Interoperability
- Business Transformation Readiness Assessment
- Risk Management
- Capability:Based Planning
- Architecture Content Framework Introduction
- Content Metamodel
- Architectural Artifacts
- Architectural Deliverables
- Building Blocks
- Enterprise Continuum
- Architecture Partitioning
- Architecture Repository
- Tools
- Foundation Architecture
- Integrated Information Infrastructure Reference Model
- Architecture Capability Framework Introduction
- Architecture Capability
- Architecture Board
- Architecture Compliance
- Architecture Contracts
- Architecture Governance
- Architecture Maturity Models
- Architecture Skills Framework
- Applying Iteration : Architecture Engagement Types
- Security Architecture : Preliminary Phase
- Security Architecture : Phase A : Vision

- Security Architecture : Phase B : Business
- Security Architecture : Phase C : Information
- Security Architecture : Phase D : Technology
- Security Architecture : Phases E, F, G, and H
- Govern SOA : Using SOA in ADM
- Govern SOA : Preliminary Phase
- Govern SOA : Architecture Vision Phase
- Govern SOA : Architecture Development Phase
- Govern SOA : Business Architecture Phase
- Govern SOA : Using SOA in Information Systems Phase
- Govern SOA : Technology Architecture Phase
- Govern SOAs : Using SOA in other Architecture Phases
- Stakeholder Management : Stakeholder Maps
- Patterns : Example Architecture Development Patterns
- Business Scenarios : ADM and Development
- Business Scenarios : Documentation
- Business Scenarios : Goals and Objectives
- Content Metamodel : Key Attributes and Relationships
- Architectural Artifacts : Basic Concepts
- Architectural Artifacts : Views and Viewpoints
- Architectural Artifacts : Preliminary Phase, Phase A
- Architectural Artifacts : Phase B : Business
- Architectural Artifacts : Phase C : Data
- Architectural Artifacts : Phase C : Application
- Architectural Artifacts : Phase D, E, & Requirements
- Architectural Artifacts : Views: Business
- Architectural Artifacts : Views: Enterprise Security
- Architectural Artifacts : Views: Software
- Architectural Artifacts : Views: System Engineering
- Architectural Artifacts : Views: Communications
- Architectural Artifacts : Views: Data Flow
- Architectural Artifacts : Views: Manageability
- Architectural Artifacts : Views: COTS
- Building Block and the ADM
- Enterprise Continuum in the ADM

### • Topics For TOGAF Advanced

- ADM Introduction
- Preliminary Phase : Objectives and Approach
- Preliminary Phase : Inputs, Process, and Outputs
- Phase A: Architecture Vision : Objectives
- Phase A: Architecture Vision : Inputs/Outputs
- Phase B: Business Architecture : Objectives
- Phase B: Business Architecture : Inputs/Outputs
- Phase C: Information Systems Architectures



- Phase C: Data Architecture : Objectives
- Phase C: Data Architecture : Inputs/Outputs
- Phase C: Application Architecture : Objectives
- Phase C: Application Architecture : Inputs/Outputs
- Phase D: Technology Architecture : Objectives
- Phase D: Technology Architecture : Inputs/Outputs
- Phase E: Opportunities and Solutions : Objectives
- Phase E: Opportunities & Solutions : Inputs/Outputs
- Phase F: Migration Planning : Objectives
- Phase F: Migration Planning : Inputs/Outputs
- Phase G: Implementation Governance : Objectives
- Phase G: Implementation Governance : Inputs/Outputs
- Phase H: Architecture Change Mgmt. : Objectives
- Phase H: Architecture Change Mgmt. : Inputs/Outputs
- Architecture Requirements Mgmt. : Objectives
- Architecture Requirements Mgmt. : Inputs/Outputs
- Technique Introduction
- Applying Iteration
- Architecture Landscape
- Security Architecture : Domains and Requirements
- Security Architecture : Preliminary Phase
- Security Architecture : Phase A : Vision
- Security Architecture : Phase B : Business
- Security Architecture : Phase C : Information
- Security Architecture : Phase D : Technology
- Security Architecture : Phases E, F, G, and H
- Govern SOAs : Using ADM for SOAs
- Principles : Examples and Rationale
- Stakeholder Management
- Architecture Development Patterns
- Business Scenarios
- Gap Analysis
- Migration
- Interoperability
- Business Transformation Readiness Assessment
- Risk Management
- Capability:Based Planning
- Architecture Content Framework Introduction
- Content Metamodel
- Architectural Artifacts
- Architectural Deliverables
- Building Blocks
- Solutions Continuum
- Enterprise Continuum in the ADM
- Architecture Partitioning and the Preliminary Phase

- Architecture Partitioning and Integration
- Architecture Repository : Reference Library
- Architecture Repository : Standards Information Base
- Architecture Repository : Governance Log
- Introduction to Reference Models
- Technical Reference Model (TRM)
- Technical Reference Model : Application and Platform
- Application Platform Taxonomy : Data Management
- Application Platform Taxonomy : Operation Services
- Application Platform Taxonomy : Processing
- Application Platform Taxonomy : User Interface
- Application Platform Taxonomy : OO Service
- Infrastructure Reference Model
- Architecture Capability Framework Introduction
- Architecture Board
- Architecture Compliance
- Architecture Compliance Review Checklists
- Architecture Contracts
- Architecture Governance
- Architecture Governance Framework
- Architecture Maturity Models
- Architecture Skills Framework
- Architecture Skills Framework : Enterprise Architect

### • Topics For Machine Learning with R Programming

- Logistic Regression - Introduction
- Logistic Regression - Read and View Dataset
- Logistic Regression - Creating the Model
- Logistic Regression - Deviance and Comparison
- Logistic Regression - Model Fit Verification
- Logistic Regression - Multicollinearity and Dispersion
- Logistic Regression - Create Model from Training and Testing Data
- Logistic Regression - Predicting the response variable
- Logistic Regression - Validating the Logistic Regression Model

### • Resources For Machine Learning with R Programming

- Employee Attrition Dataset
- Logistic Regression - Introduction
- Logistic Regression - Read and View Dataset
- Logistic Regression Creating the Model
- Logistic Regression Model Fit Verification
- Logistic Regression Multicollinearity and Dispersion
- Create Model from Training and Test Data
- Logistic Regression Predicting the Response Variable
- Logistic Regression Validating the Logistic Regression Model

- [Logistic Regression Script](#)

- [Topics For Angular 4 Project Training](#)

- [Introduction To Cpanel Project](#)
- [Setting up an FireBase Account](#)
- [Setting Up An Angular4 Application](#)
- [Generating Components](#)
- [Setting up a NavBar](#)
- [AngularFire Setup and Client Service](#)
- [Client Table Component Part - 1](#)

- [Topics For Bootstrap Classroom BC-137](#)

- [Evolution of Twitter Bootstrap](#)
- [The Basics of Bootstrap](#)
- [Environment Set-up](#)
- [CSS.](#)
- [Grid System](#)
- [Grid Layouts](#)
- [Assignment 1](#)
- [Fixed Grids](#)
- [Fluid Grids](#)
- [Typography](#)
- [Assignment-2](#)
- [Tables](#)
- [Forms](#)
- [Assignment-3](#)
- [Buttons](#)
- [Images](#)
- [Icons](#)
- [Helper Classes Part-1](#)
- [Assignment-4](#)
- [Helper Classes Part-2](#)
- [Responsive Utilities](#)
- [Bootstrap-Dropdown](#)
- [Bootstrap-ButtonGroup](#)
- [Merging Dropdowns with Button Groups](#)
- [Bootstrap-InputGroup](#)
- [Bootstrap-Badges](#)
- [Bootstrap-Labels](#)
- [Navigation Bar](#)
- [Responsive Navigation Bar](#)
- [Jumbotron](#)
- [Pagination](#)
- [Bootstrap Breadcrumbs](#)
- [Bootstrap Progress Bar](#)

- [Bootstrap Tabular Navigation Elements](#)

- [Topics For C/C++ Classroom \(Cpp-164\)](#)

- [Introduction To C Programming](#)
- [C Program Structure](#)
- [C Variables and Data Types](#)
- [Operators In C](#)
- [C Decision Making \(If Else\)](#)
- [Switch Case](#)
- [For Loop](#)
- [Nested For Loop](#)
- [While Loop](#)
- [Do-While Loop](#)

- [Topics For IoT Classroom \(IoTC-139\)](#)

- [Introduction to IoT and Internet Part-1](#)
- [Introduction to IoT and Internet Part-2](#)
- [Introduction to IoT Protocols](#)
- [Connect Arduino UNO Board with Arduino IDE and Write, Debug your First Program in C/C++](#)
- [IOT Reader Part-1](#)
- [IOT Reader Part-2](#)
- [IOT Reader Part-3](#)

- [Topics For Content Marketing](#)

- [Content Strategy and Marketing](#)
- [Breaking down the content strategy formula](#)
- [10 steps to building a content strategy](#)
- [STEP 1 page tables help define content requirements](#)
- [STEP 2 an editorial calendar establishes content creation](#)
- [Step 3 - 10](#)
- [Types of Content Marketing](#)

- [Resources For Content Marketing](#)

- [Content Strategy and Marketing](#)
- [Breaking down the content strategy](#)
- [10 steps to building a content strategy](#)
- [Types of Content Marketing](#)
- [Content that Entertains: The Unicorn Changed the Way I Poop](#)

- [Topics For Digital Marketing Books](#)

- [Introduction to Search Engine Optimization Todd Kelsey](#)
- [Introducing SEO Your quick-start guide to effective SEO practices Aravind Shenoy Anirudh Prabhu](#)

- [Topics For Ethical Hacking Classroom \(EHC-158\)](#)

- Topology
- IPv4 Part-1
- IPv4 Part-2
- IPv6
- OS FingerPrinting
- Packet Capturing FTP HTTP Part - 1
- Packet Capturing FTP HTTP Part - 2
- Network Discovery
- Email Harvesting
- DNS Harvesting
- Phishing
- Threat
- Threat Classification
- PII
- Payment Card Information
- Intellectual Property
- Prevent Data Storage on An Unencrypted Media
- Scope Of Impact
- Scope Of Impact (Digital Signature / Replication)
- Cloud Concepts
- Common Windows TCP/IP Utilities
- Common Linux TCP/IP Utilities
- Cloud Security Options
- Acceptable Use Policy
- Password Policy
- Data Ownership and Retention Policy
- Wired and Wireless Network
- Reviewing Logs

- Topics For Facebook Analytics

- Measuring Engagement with Facebook Insights
- Improving Your Marketing Strategy with Facebook Insights
- Getting Analytical with Facebook Insights
- Using Facebook Insights
- Exploring Facebook Page Insights
- Understanding the Overview Report
- Using the Likes Report for Smarter Fan Acquisition
- Reaching Fans with the Reach Report
- Monitoring Site Traffic with the Visits Report
- Evaluating Posts with the Posts Report
- Viewing Demographics with the People Report
- Exporting Insights Data
- Using Third-Party Analytics

- Topics For Google Analytics

- [Implementation of Google Analytics Best Practices](#)
- [Implementing and Customizing Your Code](#)
- [Setting up the Google Analytics Interface](#)
- [Tagging Your Inbound Traffic](#)
- [Managing Your Implementations Effectively](#)
- [Webmaster Tools Integration](#)
- [Analyzing Webmaster Tools Data on Google Analytics](#)
- [YouTube Integration](#)
- [YouTube Video Tracking in Google Analytics Using Google Tag Manager](#)
- [Custom Data Integration](#)
- [Real-World Examples](#)
- [Limitations and Best Practices](#)

- [Topics For Machine Learning using Python](#)

- [Introduction to Course on Machine Learning using Python](#)

- [Resources For Machine Learning using Python](#)

- [Python Machine Learning Document](#)
- [Python Machine Learning Step by Step Script](#)
- [IRIS Flowers Dataset in CSV](#)
- [Student Hours and Test Grade Data Set 1](#)
- [Student Hours and Test Grade Data Set 2](#)
- [MT Cars Data Set](#)
- [Housing Data Set for Linear Regression](#)
- [Employee Attrition Dataset for Logistic Regression](#)
- [Download Anaconda IDE](#)
- [Python Fundamentals Step by Step Script](#)
- [We would be glad to have your Review Here](#)
- [Breast Cancer Data Set](#)
- [Breast Cancer Machine Learning Python Script](#)

- [Topics For Microsoft Powerpoint 2016](#)

- [Course Introduction](#)
- [Introducing the Interface](#)
- [Overview of New Features](#)
- [Creating and Opening Presentations](#)
- [Creating a Presentation Using a Template](#)
- [Saving a Presentation as a Template](#)
- [Setting Slide Size and Orientation](#)
- [Using Compatibility Mode](#)
- [Working with Files and Compressing Pictures](#)
- [Setting Basic Print Options](#)
- [Choosing Print Layout Options](#)
- [Setting Printer Properties and Previewing](#)
- [Using the Status Bar and Presentation Views](#)

- Setting Show and Zoom Options
- Switching Presentations and Arranging Windows
- Adding, Removing, and Duplicating Slides
- Inserting an Outline
- Reusing Saved Slides
- Applying and Modifying a Theme
- Creating and Accessing Themes
- Applying Slide Layouts
- Copying, Moving, and Pasting Text
- Inserting and Formatting Lists
- Adding Headers and Footers
- Setting Text Indentation and Spacing
- Aligning Text and Using Columns
- Using Text Effects
- Converting Text to SmartArt

- Topics For Microsoft Word 2016

- Course Introduction
- Introduction to the Interface
- Overview of New Interface Features
- Creating and Opening Documents
- Using Templates to Create New Documents
- Selecting, Rearranging, and Duplicating Text
- Using Compatibility Mode
- Saving a Document as a Template or Web Page
- Checking Spelling and Grammar
- Introduction to Printing
- Setting Basic Print Options
- Print Orientation, Collation, and Duplex Options
- Setting Paper Size and Margins for Printing
- Printing Background Colors and Images
- Scaling a Document for Printing
- Choosing Font and Font Size Settings
- Adding Text Effects and Changing Case
- Using the Format Painter
- Adjusting Character Spacing
- Aligning Text
- Inserting Symbols and Special Characters
- Applying Styles to Text
- Modifying Existing Styles
- Creating Styles
- Adjusting Line Spacing
- Setting Paragraph Spacing Options
- Indenting Paragraphs
- Creating a Drop Cap

- Clearing Formatting from a Document
- Configuring the AutoRecover Feature
- Changing Default Measurement Units
- Editing User Information
- Changing the Default Document Location
- Changing the Default Number of Recent Documents
- Customizing the Recent Documents List
- Customizing the Quick Access Toolbar
- Using Zoom Options
- Using Different Document Views
- Switching Between Documents
- Working in Protected Mode
- Creating Tables
- Entering Text in a Table
- Selecting Elements in a Table
- Using AutoFit Options for Tables
- Splitting and Merging Table Cells
- Aligning Text Vertically and Horizontally
- Changing Text Direction
- Applying Table Styles
- Distributing Rows and Columns
- Viewing Table Gridlines
- Creating or Removing Table Borders
- Applying Shading to Cells
- Using the Border Painter and Border Sampler
- Adding a Header or Footer to a Document
- Inserting Elements into a Header or Footer
- Changing Header and Footer Margins
- Inserting an Alignment Tab in a Header or Footer
- Adding a Different First Page Header or Footer
- Adding Headers and Footers to Document Sections
- Page Numbering Options
- Inserting the Date and Time
- Adding a Page Border
- Adjusting Page Borders
- Adding a Blank Page or Forced Break
- Inserting a Cover Page
- Setting Page Margins and Gutter Position
- Page Alignment Options
- Introducing the Navigation Pane
- Using Find and Replace
- Using the Go To Feature
- Finding and Highlighting Text
- Using the "Find In" Option to Find Text
- Replacing Font Attributes Using Find and Replace



- [Using a Predefined or Custom Bullet for Lists](#)
- [Choosing and Customizing a Number Format for Lists](#)
- [Creating a Multilevel List](#)
- [Creating and Adjusting a Tabbed List](#)
- [Creating an Aligned Tabbed List](#)
- [Deleting or Replacing Tabs in an Aligned List](#)

- [Resources For Microsoft Word 2016](#)

- [Download MS-Office 2016 32 bit](#)
- [Download MS-Office 2016 64 bit](#)

- [Topics For MS Access 2016](#)

- [Course Introduction](#)
- [Overview of Databases](#)
- [Planning a Database](#)
- [Access 2016 Enhancements](#)
- [Orientation to the Access Environment](#)
- [Database Objects](#)
- [Creating New or Opening Existing Databases](#)
- [The Access Backstage and Setting Options](#)
- [Creating Tables in Datasheet and Design View](#)
- [Using Table Views and Applying Data Types](#)
- [Modifying Table Fields and Data](#)
- [Setting Table Field Properties](#)
- [Sorting and Filtering Table Data](#)
- [Overview of Relationship Types](#)
- [Rules for Creating Relationships](#)
- [Defining Primary Keys and Setting Relationships](#)
- [Creating Forms and Selecting Form Views](#)
- [Using Application Parts and the Quick Start Feature](#)
- [Inserting Data as a New Record on a Form](#)
- [Navigating and Deleting Form Records](#)
- [Overview of Query Types](#)
- [Creating and Running a Select Query in Design View](#)
- [Creating Update, Make Table, and Append Queries](#)
- [Using Total Columns and Query Setup](#)
- [Creating and Previewing Reports](#)
- [Discovering Import and Export Types](#)

- [Topics For MS Excel 2016](#)

- [Course Introduction](#)
- [Create and Open Workbooks](#)
- [The Excel 2016 Interface](#)
- [Enter Data in a Worksheet](#)
- [Moving Data in Excel 2016](#)

- Deleting and Hiding Excel 2016 Data
- Managing Excel 2016 Worksheets
- Modify Excel 2016 Document Properties
- Saving a Workbook in Excel 2016
- Saving to External Locations
- Printing in Excel 2016
- Exporting Excel 2016 Data
- Format Numerical Data
- Applying Text Formatting
- Custom Formatting
- Borders and Fills
- Using Cell Styles
- Custom Cell Styles
- Copy Cell Formatting with Format Painter
- Columns and Rows
- Aligning Cell Data
- Merging and Splitting

#### • Topics For MS Outlook 2016

- Course Introduction
- Exploring the Quick Access Toolbar and Ribbon
- Exploring the Mail View Window
- Exploring Outlook's Other Available Views
- Using the Tell Me Feature
- Opening and Reading Messages in Outlook 2016
- Replying to E-mail Messages in Outlook 2016
- Forwarding E-mail Messages in Outlook 2016
- Composing and Sending New E-mail Messages
- Adjusting E-mail Message Options
- Using E-mail Templates to Compose a Message
- Saving an E-mail Message as a Draft

#### • Topics For Operating System & Maintenance

- Course Introduction
- Configuring Windows Update Options
- Managing Updates
- Configuring Events
- Monitoring Performance
- Monitoring System Resources
- Managing Client Security and System Stability
- Configuring Backup Options
- Recovering from a Windows Error
- Resolving a Hardware Error
- Restoring Lost Files
- Restoring Lost Files, Part 2

- Configuring Authentication
- Configuring Authorization
- Configuring Accounts
- Configuring Device Security
- Configuring Tasks and Services
- Configuring the MMC

#### • Topics For PHP Classroom (PHPC-143)

- Introduction to PHP
- PHP Syntax
- Variables In PHP , Variable Scope , Data Type
- Assignment - 5
- Mysql Database connection with PHP
- User Registration Form Using Mysql and PHP
- Assignment-6
- Retrieving Data from Database by Using MySQL
- JQuery introduction
- Retrieving Data from Database by Using JQuery
- Assignment - 7
- PHP Session Handling With User Login And Logout Example
- Assignment - 8
- Introduction To Google Cloud
- Update Linux Instance
- Installation of PHP and Mysql
- Deploying Web Application on GCP

#### • Topics For Python Classroom (PC-144)

- Python Overview
- Python Installation
- Python Hello World Program
- Python Hello World Program
- Python Int Data Type
- Python String Data Type
- Python Math Functions
- Python Operators
- Types in Python
- User Input In Python
- Introduction To Data Science
- Numpy in Python
- Pandas
- Generating And Parsing Dates Using Pandas
- Querying and Cleaning Up Data Array
- Handling Large DataSet
- Data Merging
- Hierarchical Indexing - 1

- Hierarchical Indexing - 2
- Data Aggregation
- Jupyter QT console
- Ipython Components

- Topics For Selenium Automated Web Testing Fundamentals

- Course Introduction
- The Selenium IDE
- Assert versus Verify
- Basic Test Cases
- Test Suites
- Selenium IDE Controls
- XPath Locators
- DOM Locators
- CSS Selectors
- Locators in the IDE
- Pattern Matching
- Using Variables
- Debugging
- Using Any Browser
- Input Controls
- List Boxes
- Checkboxes
- Checking Popups
- Multiple Windows
- Drag and Drop
- Clicking Links
- Advanced Selenium Testing
- Using JavaScript
- Ajax Calls
- Testing Visibility
- Cookies
- assertEval
- Listening for Events
- Extracting Code
- Multiple Browsers
- Selenium Grid
- Test Planning
- Testable Site Design
- Test Suite Design Tips
- Extended Example

- Topics For Selenium Classroom (SC-157)

- Introduction To Selenium
- Writing First Test Case

- Selenium Web Driver Basic Commands
- Selenium - Navigate
- Creating Simple Application Using HTML
- Xpath In Selenium
- Working with checkboxes and radio buttons
- Testing List Boxes
- Testing Across Multiple Browsers
- Variables in Selenium WebDriver Part - 1
- Variables in Selenium WebDriver Part - 2
- Css Selector In Selenium
- Accessing Links In Selenium
- Alert & Popups in Selenium WebDriver
- Working with Multiple Windows In Selenium
- Working With Images
- Working With Broken Images
- Uploading A File
- Setting up Wget
- Downloading a File Part - 1
- Taking ScreenShot In Selenium
- AutoIT Selenium

• Resources For Selenium Classroom (SC-157)

- Java Eclipse
- Java JDBC Jar
- Firefox Driver
- Chrome Driver
- Selenium Web Driver
- Java JDK
- Wget
- AutoIT
- AutoIT Editor