

- Courses For Event Python Advanced Summer Training 2018

- Python Fundamentals
- Python Programming
- Machine Learning using Python
- Python Website Development

- Topics For Machine Learning using 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
- Introduction to Machine Learning
- Different Forms
- Statistics
- Data Mining
- Data Analytics
- Data Science
- Statistics vs. Data Mining vs. Data Analytics vs. Data Science
- Machine Learning Categories
- Supervised Learning
- Unsupervised Learning
- Reinforcement Learning
- Data Analysis Packages
- NumPy
- Pandas
- Matplotlib
- Fundamentals of Machine Learning
- Scales of Measurement
- Nominal Scale of Measurement
- Ordinal Scale of Measurement
- Interval Scale of Measurement
- Ratio Scale of Measurement
- Feature Engineering
- Dealing with Missing Data
- Handling Categorical Data
- Normalizing Data
- Feature Construction or Generation
- Exploratory Data Analysis (EDA)
- Univariate Analysis
- Multivariate Analysis
- Supervised Learning- Regression
- Correlation and Causation
- Fitting a Slope
- How Good Is Your Model?

- [Polynomial Regression](#)
- [Multivariate Regression](#)
- [Multicollinearity and Variation Inflation Factor \(VIF\)](#)
- [Interpreting the OLS Regression Results](#)
- [Regression Diagnosis](#)
- [Nonlinear Regression](#)
- [Supervised Learning - Classification](#)
- [Logistic Regression](#)
- [Evaluating a Classification Model Performance](#)
- [ROC Curve](#)
- [Fitting Line](#)
- [Generalized Linear Models](#)
- [Supervised Learning - Process Flow](#)
- [Decision Trees](#)
- [Support Vector Machine \(SVM\)](#)
- [k Nearest Neighbors \(kNN\)](#)

• [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](#)
- [Search Term Dataset](#)
- [Context Awareness Machine Learning](#)
- [Context Model Script](#)
- [Context Awareness Dataset](#)
- [UIT Machine Learning FDP Step by Step Script](#)
- [Machine Learning Deployment Model for Student Test Grade Prediction System](#)
- [Project: Student Test Grade Prediction System for Web using Python Model and PHP Code](#)

• [Topics For Python Website Development](#)

- [The Django Framework](#)
- [Setting up Django](#)
- [Creating a Django Project](#)
- [The Django Web Server](#)
- [Creating Django Apps](#)
- [Django Views and Templates](#)
- [Working with Data in Django](#)
- [Django Forms](#)
- [The TurboGears Framework](#)

- `Installing TurboGears for Python`
- `TurboGears Templates`
- `TurboGears Views`
- `TurboGears Controllers`
- `TurboGears and Rendering`
- `TurboGears and Data`
- `TurboGears and REST`
- `The Flask Framework`
- `Creating a Basic Flask Application`
- `Using Templates in Flask`
- `Working with Web Forms`
- `Connecting to Data with Flask`