

Python-Machine Learning Course Curriculum

DURATION:- 2 MONTHS

Overview of course

- Overview of the Course

Python

- IF statement, Conditional Statement
- Functions
- Modules, Packages
- Numbers, List, Tuples, Strings, Sets Dictionary

Scientific Package

- Numpy
- Pandas
- Matplotlib
- Scikit-Learn

Machine Learning

- Machine Learning Intro
- Different Machine Learning Techniques
- Use of Machine Learning (Spam, House Price, Stock Price)

Supervised Learning

- Intro Supervised Learning
- Regression / Classification
- Case Study

Linear Regression

- Intro Linear Regression
- Case Study
- Model Tuning

Logistic Regression

- Intro Logistic Learning
- Case Study
- Model Tuning

Decision Tree

- Intro Decision Tree
- Case Study
- Model Tuning

Unsupervised Learning

- Intro Unsupervised Learning
- Different Unsupervised Learning

K-Means Clustering

- Intro K-Means Clustering
- Case Study
- Model Tuning

Project

- ★ Project Experience