

Data Science with Python

PYTHON

Introduction
Control flow and loops
Functions
Data Structures
Classes
File Handling
Exception Handling

ADVANCE PYTHON

- NumPy
- SciPy
- Pandas

Getting and Cleaning Data

- Web Scraping
- Regular Expression
- Data Reshapping
- Data Cleanup

Introduction to Statistical Model

- Probability
- Distribution

Basics of ScikitLearn

Regression

- Linear Regression
- Logistic Regression
- Bias and Regression

Classification

- KNN
- Cross Validation
- Dimensionality Reduction
- PCA
- MDS
- SVM
- Evaluation

Decision Tree

Random Forest

Neural Network with tensorflow

Data Visualization with Python