

Data Science using Python



Course Description:

Data science uses scientific methods and algorithms to extract knowledge from data in various forms, both structured and unstructured. This course aims to teach everyone the basics of data science using python instructions.

Course Contents:

- i. Python Basics
 1. Basic data types of Python
 2. Python Iteration and Conditional Constructs
 3. Python functions
 4. Python Libraries
 5. Python Data Structures
- II. Exploratory analysis using Pandas
- III. Data Munging in Python using Pandas
- IV. Building a Predictive Models in Python

Prerequisites:

Anyone with moderate programming skills should be able to master the materials in this course.

Target Group:

The course will significantly benefit people of different levels bachelor, master and from different backgrounds (e.g. computer science, finance, business etc) and anyone who is concerned about getting knowledge from data.

