

DATA SCIENCE CRASH COURSE

Presented by M.Raahim Rizwan

Who is Teaching?

- I am a 19 year Data Scientist currently studying at NED University. Being Pro in Kaggle, Machine Learning and Deep Learning and having 2+ years experience in the field. Now, I teach Data Science to students all across the world.
- In this crash course, I will teach you from Beginner Python Programming to all the way to Deep Learning and Machine Learning. You will become a confident Data Scientist after this course.



Course Outline

Chapter 01: Basics of Python

- Variables, Lists, Tuples, If Conditions, Loops, Functions etc.

Chapter 02: Basics of Jupyter Notebook

- Interface and Navigation
- How to Code In Jupyter?

Chapter 03: Numpy

- Complete Numpy's Interface
- Basic Usage of Numpy + Matrices

Chapter 04: Pandas

- Complete Pandas' Interface
- How to use Pandas?
- Concept of DataFrames

Course Outline

Chapter 05: Data Visualization

- What's Matplotlib and Seaborn?
- Line Charts, Bar Charts, Histograms, Box Plots.

Chapter 06: Machine Learning

- Supervised, Unsupervised, and Clustering Algorithms
- Basic Maths behind every famous Algorithm.

Chapter 07: Deep Learning

- Neurons and Neural Networks.
- ANN, CNN, RNNs, YOLO algorithms.

Chapter 08: Two Real World Projects

- Project 01: Sports Celebrity Face Classification.
- Project 02: House Prices Prediction.

Thank you very much!

**Welcome to the World of Data
Science!**