Data Science

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Distinctive Features
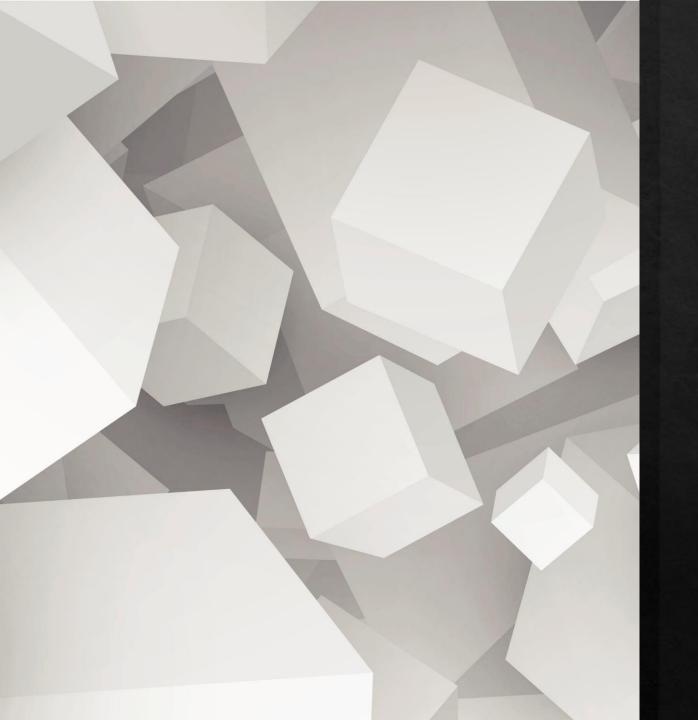
◈ Personalized Attention

◈ Live Coding Sessions

◈ Logic Development

◈ Development Of Data Driven Mindset

◈ Extra Doubt Clearing Sessions

◈ Interactive Learning Approach

Overview

◈ The unique thing about this course is that is connects the basic mathematical formulations with the state of the art technologies such as Self-Driving Cars, Recommendation Systems and many more.

◈ The fact that it segregates this course is that it focuses on the mathematical details rather than just the code implementation like most of the courses out there in the industry

Lets Dive Right Into It...

Course Structure

1.Python Programming

2.Exploratory Data Analysis(EDA)

3.NLP

4.Supervised Learning

5.Un - Supervised Learning

5.Deep Learning

6.Real World Case Studies

Python Programming

◈ Python for Data Science

◈ Python Data Structures

◈ Python Functions

◈ Python Based Libraries

◈ Complexity Analysis

Exploratory Data Analysis

- Plotting EDA

- Linear Algebra

- Probability and Statistics

Natural Language Processing

- K – Nearest Neighbours

- Performance Metrics

- Naïve Bayes

- Logistic Regression

- Linear Regression

Supervised Learning

◈ SVM (Support Vector Machines)

◈ Decision Trees

◈ Ensemble Models

Un-Supervised Learning

- Clustering

- Hierarchical Clustering

- DBSCAN

- Recommender Systems

Deep Learning

- Neural Networks

- Deep MLP

- TensorFlow and Keras

- CNN (Convolution Neural Networks)

- LSTMS (Long – Short Term Memory)

- GANS (Generative Adversarial Networks)

- Encoder - Decoder

Real World Case Studies

◈ Quora Question Pair Similarity

◈ Vehicle Detection And Counting Application

◈ Bird Species Prediction Application

◈ Microsoft Malware Detection

◈ Face Detection Application

◈ Tesla Self Driving Car Model