Welcome to ineuron.ai

Machine Learning

Description:

This is Machine Learning masters, where you will learn various things from the beginning like python, API, deployment in AWS, Azure, GCP, Heroku, Database, various modules in statistics, all machine learning algorithms.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Quizzes

Assignments

Hands-on practical's

Downloadable resources

Completion certificate

What we learn:

Master machine learning on python

Make robust machine learning models

Use machine learning for personal purpose

Handle advanced techniques like dimensionality reduction

Classify data using K-Means clustering, Support Vector Machines (SVM), KNN, Decis

Requirements:

Basic knowledge of python programming

A system with a stable internet connection

Your dedication

Instructor:

Name:

Sudhanshu Kumar

Description:

Having 8+ years of experience in Big data, Data Science and Analytics with product architecture design and delivery. Worked in various product and service based Company. Having an experience of 5+ years in educating people and helping them to make a career transition.

>Machine Learning Module 1:

>>Introduction machine learning module 1

>>Supervised, unsupervised, semi-supervised, reinforcement

>>Train, test, validation split

>>Performance

>>Overfitting, underfitting

>>OLS

>>Linear regression

>>polynomial regression

>>Assumptions R-square adjusted, R-square intro to Scikit-learn, training methodology,

>Machine Learning Module 2:

>>Decision tree, decision tree regressor, cross-validation

>>Bias vs variance, ensemble approach, Bagging, boosting

>>Randon forest, stacking, variable importance

>>XGBoost, hands-on XGBoost, gradient boost, ada boost

>Machine Learning Module 3:

>>K Nearest Neighbour, k-NN regressor, lazy learners, the curse of dimensionality, k-NI

>Machine Learning Module 4:

>>K-means, hierarchical clustering, DBSCAN

>>Performance measurement, principal component analysis, dimensionality reduction

>Machine Learning Module 5:

>>Naive Bayes SVM

>>Anamoly detection

>Time series:

>>Arima, Sarima, Auto Arima

>>Time series using RNN LSTM, prediction of NIFTY stock price