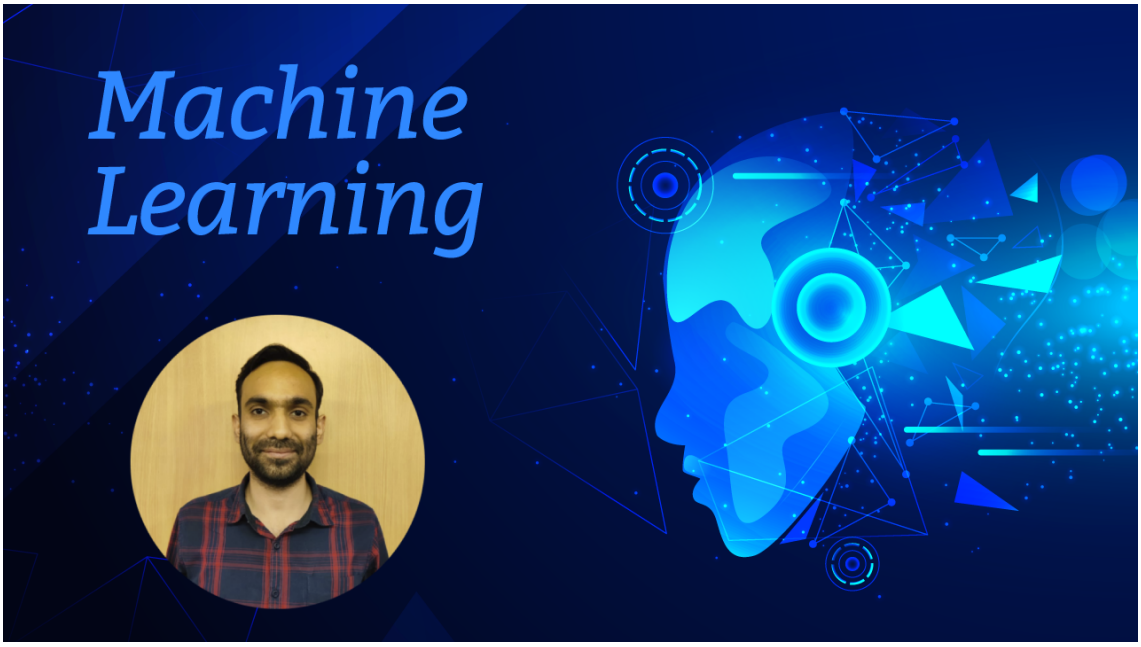
Welcome to ineuron.ai



Machine Learning Live Class

Description:

This is Machine Learning course, 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:

Online Classes

Doubt Clearing

Live-Class Recording

Real-time Project

Assignment in all modules

Quiz in every module

Career Counselling

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:

Sagar Kandpal

Description:

Sagar Kandpal completed M.Tech. in Computer Integrated Manufacturing from NIT Warangal in 2019. He also worked as a teaching assistant in NIT Warangal. He was also working as a PhD research fellow at IIT Gandhinagar before joining iNeuron as a Data Scientist. His main research is focused on the Application of Machine Learning and Deep Learning algorithms to real-world use cases. Research Interests:

Mathematical Modelling and Optimization, Deep Reinforcement Learning, Geometric Deep Learning, Robotics and Computer Vision.

>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