

iNeuron





ABOUT US

We are on a mission to build a professional product-driven community around the globe where an individual can collaborate, learn, share and develop real-time use cases with trending technologies.

We at iNeuron Academy believe in delivering a quality curriculum with highly qualified professional team worked as Senior Data Scientist, Deep Learning Engineer and AI researcher in leading MNC'S around the globe. Our main focus is to provide a different way of expertise for freshers as well as professional through our community which make them work, learn, develop and to grow in the competitive industry.

We transform an individual from zero to advance by providing them with all support from our experts and creating opportunities from our lifelong learning community who believe in sharing, learning and growing together. We believe in providing best-quality training across the globe to enrich user experience from our blended learning approach focused on a different mode of expertise to learn, build and grow. iNeuron Academy offers cost-effective, quality and more focused on building something unique for the industry with our world-wide community to work differently among the crowd

OUR SPEAKER



SUDHANSHU KUMAR
(CEO)

 /in/sudhanshu-kumar

Sudhanshu Kumar is CEO and Lead AI Engineer at iNeuron.ai and He is excited to use AI to combat different industries like healthcare, AI for kids to establish a different form of education across the globe. He has worked with Verizon Labs as a Data Scientist, Data Scientist at Deloitte India and with Wipro as a Project Engineer.

JIWITESH KUMAR
(CTO)

 /in/jiwitesh-kumar



Jiwitesh Kumar is CTO(Chief Technical Officer) at iNeuron.ai and a Chief Data Scientist Leading with product development. He is having 4+ years of experience in NLP(Natural Language Processing) and worked on more than 30+ products based on Data Science, Machine Learning, Deep Learning, Computer vision and NLP.

Rest API

Flask Introduction

FlaskApplication

Open link Flask

App Routing Flask

URL Building Flask

HTTP Methods Flask

Templates Flask

Django end to end

Database

Mongo DB

SQL lite

python SQL

Python Project

Web crawlers for image data sentimental analysis and product review sentiment analysis.

Integration with web portal

Integration with rest api,web portal and mongo db on Azure

Deployment on web portal on Azure

Text mining

Social media data churn

Machine Learning 1

Introduction to Machine Learning

Train, Test, Validation Split

Performance

Overfitting, underfitting

OLS

Linear Regression

Assumptions

R square adjusted R square

Intro to Scikit learn

Training methodology

Hands on Linear regression

Ridge Regression

Logistic regression

Precision Recall

ROC curve

F-score

Machine Learning 2

Decision Tree

Cross Validation

Bias vs Variance

Machine Learning 3

K Nearest Neighbour

Lazy learners

Curse of Dimensionality

KNN issues

Hierarchical clustering

K-Means

Performance measurement

Machine Learning 4

Principal Component analysis

Dimensionally reduction

Factor Analysis

SVR

SVM

Polynomial Regression

Ada boost

Gradient boost

Gaussian mixture

Anamoly detection

Novelty detection algorithm

stacking

k-nn regressor

Decision tree regressor

DBSCAN

Natural Language Processing

Intorduction to NLP

Text Analysis

Tokenizing,chunking

Document term Matrix

TFIDF

NLP Project

Chatbot using Rasa NLU

Deployment of chatbot with Web,Telegram,

Whatsapp,skype

Machine Learning Project

Spending Pattern Analysis Net Promoter Score

For MNC's

Revenue Forecasting for startups

Healthcare analytics prediction of medicines

based on FIT BIT band

Machine Learning Project

Prediction of order cancellation at the time of ordering inventories

Defect detection in vehicle engine

Food price forecasting with zomato dataset

Threat identification in security system

Demand forecasting for FMCG product

Anomaly detection in inventory packaged material

Fault detection in wafers based on sensor data

Deployment

Deployment of all the projects in cloudfoundry, AWS, AZURE and google cloud platform

Expose API to web browser and mobile application

Retraining approach of Machine Learning model

DevOps infrastructure for Machine Learning model

Custom Machine Learning Training Approach

AUTO ML

Discussion on infra cost and data volume

Prediction based on streaming data

YOUR SESSION CALL

Based on Your Requirement we can work with one project with END TO END DEPLOYMENT

Discussion

What you have learned?

Data Scientist Role and responsibilities

Data Scientist Day to Day work?

How to prepare for the interview?

Resume discussion

Benefit of machine learning deployment

Course with Us

- 1.The candidate will be fully equipped with all the necessary knowledge theoretical and practical which will be useful for deploying machine learning models from start to end until perfection is achieved via our team of expert mentors and professionals.
- 2- All candidates will be equally focused upon during their training to ensure that each candidate has the capability to deploy machine learning models.
- 3-The top performers will be invited to work alongside our professional developers for a minimum of 3 months along with an iNeuron hoodie which will provide them with a sense of pride wearing our colours.
- 4- certificates will be provided upon successful completion of the course.
- 5- career guidance and resume support will be provided at the end which will enhance the candidates job selection process.



**THANK
YOU**