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 developreal-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, l earn, 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

SUDHANSHU KUMAR
(CEO)

in /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 /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.

Python Core

- Introduction of python and comparision with other programming language
- Installation of Anaconda Distribution and oter python IDE
- Python Objects,Number & Booleans, Strings,Container objects,Mutability of objects
- Operators - Arithmatic,Bitwise,comparision and Assignment operators,Operators Precedence and associativity.
- Conditions(If else,if-elif-else)
- Loops(While ,for)
- Break and Continue statements
- Range functions

String Objects and collections

- String object basics
- String methods
- Splitting and Joining Strings
- String format functions
- List object basics
- List methods
- List as stack and Queues
- List comprehensions

Tuples,Set ,Dictionaries & Functions

- Tuples,Sets,Dictionary Object basics,Dictionary
- Object methods,Dictionary View Objects. Functions basics,Parameter passing,Iterators
- Generator functions
- Lambda functions
- Map, Reduce, filter functions

OOPS concepts & Working with Files

OOPS basic concepts
- Creating classes and Objects
- Inheritance,Multiple Inheritance
- Working with files
- Reading and writing files
- Buffered read and write
- Other File methods

Modules , Exception Handling
& Database Programming

- Using Standard Module
- Creating new modules
- Exceptions Handling with Try-except
- Creating ,inserting and retrieving Table
- Updating and deleting the data.

Visualization

- Matplot lib
- seaborn
- plotly
- cuflinks

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 clustring

- 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

- Chatnot 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 sysytem

- Demand forecasting for FMCG product

- Anamoly detection in inventory packaged material

- Fault detection in wafferes 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

- Etraining approach of Machine Learning model

- Devops infrastructure for Machine Learning model

- Custom Machine Learning Training Approach

- AUTO ML

- Dicussion 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

- .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.

- All candidates will be equally focused upon during their training to ensure that each candidate has the capability to deploy machine learning models.

- 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.

- Certificates will be provided upon successful completion of the course.

- Career guidance and resume support will be provided at the end which will enhance the candidates job selection process.

THANK YOU