Welcome to ineuron.ai

Machine Learning And Deep Learning Masters

Description:

This is Machine Learning masters and Deep Learning, where you will learn various things from beginning like python , API , deployment in Aws , azure , GCP , Heroku , database , various modules in statistics ,all machine learning algorithm , four mode of Chabot live Dialog flow , Amazon Lex , Azure Luis and RASA NLU , and 15+ live project all together in live instructor led class along with various mode of support and services and doubt clearing session.

Start Date: 10th April 2021

Doubt Clear Time: 10:00 PM to 12:00 AM (IST) Thursday

Course Time: 08:00 AM to 10:00 AM (IST) Saturday - Sunday

Features:

Machine Learning in depth from beginning to advance discussion and implementation

Deep learning in-depth topic wise discussion and implementation with the project.

Docker and Kubernetes end to end with CI/CD pipeline for machine learning.

End to End Model Deployment in Azure, GCP, AWS, and Pivotal Cloud.

Python spark implementation with the project.

Time Series end to end implementation in machine learning and deep learning.

26 + hands-on industry real-time projects.

Power BI and Tableau self-placed course.

Machine Learning Deep Learning Masters Certificate

200 hours live interactive classes.

Every week doubt clearing session after the live classes.

Lifetime Dashboard access.

Doubt clearing one to one

Doubt clearing through mail and support team

Assignment in all the module

20+ use case of Machine learning

A live project with real-time implementation

Resume building

career guidance

interview Preparation

Regular assessment

Job alerts

Online Instructor-led learning: Live teaching by instructors

Product Demo

What we learn:

Python

Stats

Machine learning

Deep learning

Data analytics

Mock interview

Interview preparation

Resume building

Requirements:

Dedication

Laptop with internet connectivity

Instructor:

Name:

krish naik

Description:

Having 10+ years of experience in 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.

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.

>Course Introduction:

>>Introduction of Data science and its application in Day to Day life

>>Course overview and Dashboard description

>Python Core:

>>Introduction of python and compari s on with other

>>Programming language

>>Installation of Anaconda Distribution and other python

>>IDE Python Objects, Number & Booleans, Strings

>>Container objects, Mutability of objects

>>Operators Arithmetic, Bitwise, C omparison and Assignment o perators, Operators Pr

>>Conditions(If else,if elif else) Loops(While ,for)

>>Break and Continue statement and Range Function.

>String Objects and collections:

>>String object basics

>>String methods

>>Splitting and Joining Strings

>>String format functions

>>List object basics

>>List as stack and Queues

>>List comprehensions

>Tuples,Set ,Dictionaries

Functions:

>>Tuples,Sets Dictionary Object basics, Dictionary Object methods, Dictionary View Ob

>>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

>Exception Handling:

>>Exceptions Handling with Try except

>Api:

>>Flask introduction

>>Flask Application

>>Open linkFlask

>>App RoutingFlask

>>URL BuildingFlask

>>HTTP MethodsFlask

>Database:

>>Mongo DB SQL

>>Lite python SQL

>Python pandas Modules:

>>Python Pandas Series

>>Python Pandas DataFrame

>>Python Pandas Panel

>>Python Pandas Basic functionality

>Python Numpy:

>>NumPy Ndarray Object

>>NumPy Data Types

>>NumPy Array Attributes

>>NumPy Array Creation Routines

>>NumPy Array from Existing

>>Data Array From Numerical Ranges

>>NumPy Indexing & Slicing

>>NumPy Advanced Indexing

>>NumPy Broadcasting

>>NumPy Iterating Over Array

>>NumPy Array Manipulation

>>NumPy Binary Operators

>>NumPy String Functions

>>NumPy Mathematical Functions

>>NumPy Arithmetic Operations

>>NumPy Statistical Functions

>>Sort , Search & Counting Functions

>>NumPy Byte Swapping

>>NumPy Copies Views

>>NumPy Matrix Library

>>NumPy Linear Algebra

>Exploratory Data Analysis:

>>Feature Engineering and Selection

>>Building Tuning and Deploying Models

>>Analyzing Bike Sharing Trends

>>Analyzing Movie Reviews Sentiment

>>Customer Segmentation and Effective Cross Selling

>>Analyzing Wine Types and Quality

>>Analyzing Music Trends and Recommendations

>>Forecasting Stock and Commodity Prices

>Statistics:

>>Descriptive Statistics

>>Sample vs Population statistics Random Variables

>>Probability distribution function Expected value

>>Binomial Distribution

>>Normal Distribution z score

>>Central limit Theorem

>>Hypothesis testing Z Stats vs T stats

>>Type 1 type 2 error

>>Confidence interval

>>Chi Square test

>>ANOVA test

>>F stats

>Machine Learning 1:

>>Introduction

>>Supervised , Unsupervised, Semi supervised, Reinforcement Train , Test, Validation

>>Performance Overfitting , underfitting OLS.

>>Linear Regression assumption.

>>R square adjusted

>>R square Intro to Scikit learn

>>Training methodology

>>Hands on linear regression

>>Ridge Regression

>>Logistics regression

>>Precision Recall ROC curve

>>F Score

>Machine Learning 2:

>>Decision Tree Cross

>>Validation Bias vs Variance

>>Ensemble approach Bagging

>>Boosting Randon

>>Forest Variable Importance

>Machine Learning 3:

>>XGBoost

>>Hands on XgBoost

>>K Nearest Neighbour

>>Lazy learners

>>Curse of Dimensionality

>>K NN Issues

>>Hierarchical clustering K Means

>>Performance measurement

>>Principal Component analysis

>>Dimensionality reduction

>>Factor Analysis

>Machine Learning4:

>>SVR

>>S V M

>>Polynomial Regression

>>Ada boost

>>Gradient boost

>>Gaussian mixture

>>Anamoly detection

>>Novelty detection algorithm Stacking

>>K NN regressor

>>Decisson tree regressor DBSCAN

>Natural Language Processing:

>>Text Ananlytics

>>Tokenizing , Chunking

>>Document term

>>Matrix TFIDF

>>Sentiment analysis hands on

>Spark:

>>Spark overview.

>>Spark installation.

>>Spark RDD.

>>Spark dataframe .

>>Spark Architecture.

>>Spark Ml lib.

>>Spark Nlp

>>Spark linear regression.

>>Spark logistic regression.

>>Spark Decision Tree.

>>Spark Naive Bayes

>>Spark xg boost

>>Spark time series.

>>Spark Deployment in local server

>>Spark job automation with scheduler.

>Deep Learning:

>>Deep Learning Introduction.

>>Neural Network Architecture.

>>Loss Function.

>>Cost Function.

>>Optimizers.

>>CNN architecture.

>>Build First Classifier in CNN.

>>Deploy Classifier over cloud.

>>RNN overview.

>>GRU.

>>LSTM.

>>Time Series using RNN LSTM.

>>Customer Feedback analysis using RNN LSTM.

>Time Series:

>>Arima

>>Sarima .

>>Auto Arima

>>Time series using RNN LSTM .

>>Prediction of NIFTY stock price.

>Deployment:

>>Deployment of all the project In cloudfoundary , AWS AZURE and Google cloud platf

>>Expose api to web browser and mobile application retraining a pproach of Machine le

>>Devops infrastructure for machine learning model

>>Data base integration and scheduling of machine learning model and retraining c usto

>>AUTO ML

>>Discussion on infra cost and data volume

>>P rediction based on streaming data

>Extra session:

>>Discussion on project explanation in interview

>>Data scientist roles and responsiblities

>>Data scientist day to day work

>>Companies which hire a data scientist

>>Resume discussion with our team one to one

>Tableau and power Bi self placed session:

>>Business Intelligence (BI) Concepts.

>>Microsoft Power BI (MSPBI) introduction.

>>Connecting Power BI with Different Data sources.

>>Power Query for Data Transformation.

>>Data Modelling in Power BI.

>>Reports in Power BI Reports and Visualisation types in Power BI.

>>Dashboards in Power BI.

>>Data Refresh in Power BI.

>>Traditional Visualisation(Excel) vs Tableau.

>>About Tableau.

>>Tableau vs Other BI Tool Pricing.

>Tableau Interview Questions.: