Welcome to ineuron.ai

AIOps Projects

Description:

Learn how to create a machine learning system from start to finish. Develop skills in training, deploying, scaling, and monitoring your machine learning model's performance in production. This course is specifically designed for deploying and scaling machine learning and deep learning applications.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Challenges

Various project implementation

Quizzes

Assignments

Downloadable resources

Completion certificate

What we learn:

Design end-to-end machine learning system

Monitor and visualize the performance of apps

Build CI/CD pipelines

Optimizing the model training & prediction pipelines

Requirements:

Minimum System requirement: Intel Core i3 processor and 4GB RAM or Higher

A system with a decent internet connection

AWS, Azure, GCP, Digital Ocean accounts

Your dedication

Interest to learn

Instructor:

Name:

Sunny Bhaveen Chandra

Description:

Sr. Data Scientist and lecturer at iNeuron.ai with working experience in computer vision, natural language processing and embedded systems. Hands-on experience leveraging machine learning, deep learning, transfer learning models to solve challenging business problems. Also, he has a vast interest in Robotics.

>Linux:

>>Deploying flask app in EC2

>>Deploy Gunicorn app in EC2

>>Configuring Nginx for Deployment

>>Configuring Elastic IP & SSL certificates for deployment

>>Deploy ML application on EC2

>DVC:

>>AIOps project DVC NLP usecase part 01

>>AIOps project DVC NLP usecase part 02

>>AIOps project DVC NLP usecase part 03

>>AIOps project DVC NLP usecase part 04

>>AIOps project DVC NLP usecase part 05

>>AIOps project DVC NLP usecase part 06

>>AIOps project DVC NLP usecase part 07

>>AIOps project DVC NLP usecase part 08

>>AIOps project DVC NLP usecase part 09

>>AIOps project DVC NLP usecase part 10

>>AIOps project DVC NLP usecase part 11

>>AIOps project DVC NLP usecase part 12

>>AIOps project DVC NLP usecase part 13

>>AIOps project DVC NLP usecase part 14

>>AIOps project DVC NLP usecase part 15

>>Deploy ML application using DVC

>>Deploy computer vision application using DVC

>>Deploy DL application using DVC with Tensorflow

>>Deploy DL application using DVC with Pytorch

>Docker:

>>Dockerize Python Application

>>Dockerize Machine Learning Application

>>Dockerize computer vision Application

>>Dockerize NLP Application

>>Docker Compose for multi-container deployments

>>Dockerize DL application build with Tensorflow

>>Dockerize DL application build with Pytorch

>MLFlow:

>>Deploy ML application using MLFlow

>>Deploy vision application using MLFlow

>>Deploy NLP application using MLFlow

>>Deploy DL application on MLFlow with Tensorflow

>>Deploy DL application on MLFlow with Pytorch

>Kubernetes:

>>Deploy ML application using Kubernetes

>>Deploy vision application using Kubernetes

>>Deploy NLP application using Kubernetes

>>Deploy DL application on Kubernetes with Tensorflow

>>Deploy DL application on Kubernetes with Pytorch

>Kubeflow:

>>Deploy ML end-to-end application using Kubeflow

>>Deploy vision end-to-end application using Kubeflow

>>Deploy NLP end-to-end application using Kubeflow

>>Deploy DL end-to-end application on Kubeflow with TensorFlow

>>Deploy DL end-to-end application on Kubeflow stack with Pytorch

>AWS MLOps:

>>Deploy ML application using AWS AI stack

>>Deploy computer vision application using AWS AI stack

>>Deploy NLP application using AWS AI stack

>>Deploy DL application on AWS AI stack with TensorFlow

>>Deploy DL application on AWS AI stack with Pytorch

>Azure MLOps:

>>Deploy computer vision application using Azure AI stack

>>Deploy computer vision application using GCP AI stack

>>Deploy NLP application using Azure AI stack

>>Deploy DL application on Azure AI stack with TensorFlow

>>Deploy DL application on Azure AI stack with Pytorch

>GCP MLOps:

>>Deploy ML application using GCP AI stack

>>Deploy vision application using GCP AI stack

>>Deploy NLP application using GCP AI stack

>>Deploy DL application on GCP AI stack with TensorFlow

>>Deploy DL application on GCP AI stack with Pytorch

>Digital Ocean MLOps:

>>Deploy ML application using Digital Ocean AI stack

>>Deploy computer vision application using Digital Ocean AI stack

>>Deploy NLP application using Digital Ocean AI stack

>>Deploy DL application on Digital Ocean AI stack with Tensorflow

>>Deploy DL application on GCP AI stack with Pytorch