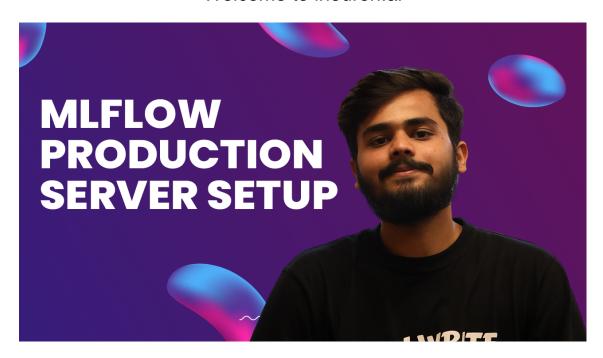Welcome to ineuron.ai

MLFlow Production Server Setup

Description:

MLflow is an open-source platform for machine learning lifecycle management. In this course, we will learn how to setup MLflow server in production with Mysql as the backend store and an s3 bucket as artifact registry.

Start Date: 3rd Jan'23

Doubt Clear Time:

Course Time: Flexible

Features:

Do Everything In Industry Grade Lab

Learn As Per Your Timeline

Hands-On Industry Real-Time Projects.

Self Paced Learning

Dashboard Access

Course Materials

Assignments

What we learn:

Real Time Projects

Mlflow production server setup

Understand MLOPS best practices

Understand Aws cloud ec2 and mysql

Setup Mlflow server in production

Understand authentication with nginx

Get hands on with server setup

Requirements:

System with minimum i3 processor or better

At least 4 GB of RAM

Working internet connection

Dedication to learn

Instructor:

Name:

Ketan Gangal

Description:

I have worked in data science for more than two years, and I have a track record of successfully implementing data science pipelines in production with practical expertise using ML-Ops, deep learning & machine learning. I also Love sequence Processing because it is deeply inspired by humans as our

feeling, thoughts, emotions, sensations, language are sequential in nature if we can enable machine to understand sequence of information and act accordingly we can make significant progress towards true artificial intelligence.

>Welcome to the Course:

>>Course Overview

>>Dashboard Introduction

>Project :- MLflow Production Server Setup:

>>Introduction to mlops

>>What is experiment tracking

>>Introduction to Mlflow

>>End Notes

>>Problem Description

>>Understand the application scope

>>Tour to existing solution

>>End Notes

>>Cost involved

>>End Notes

>>Amazon Cloud Overview

>>Quick Overview to elastic cloud compute

>>Quick Overview to amazon RDS

>>Quick Overview to amazon S3

>>Ec2 Server Setup

>>Amazon RDS Setup

>>Artifact Store Setup

>>Ngnix Authetication

>>End Notes

>>Integration into training script

>>Create your prediction end point

>>End Notes

>>Overview to Amazone scale setup ECS

>>Conclude the project

>>Assignments & External Resources