Welcome to ineuron.ai

Dask

Description:

Dask is a flexible library for parallel computing in Python. It can easily handle large data which enables users to perform ml related tasks at scale.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Self-Paced Classes

Real-time Project

Assignment in all modules

Quiz in every module

Completion Certificate

What we learn:

Dask Arrays

Dask Dataframes

Dask Bags

ML with Dask

Requirements:

Little bit of Python Knowledge

Dedication

Internet Connection

Instructor:

Name:

MD Imran

Description:

Working as Data Scientist with experience in solving real world business problems across different domains.

>Introduction :

>>The course Overview

>>Introduction to Dask

>>Dask Alternatives

>>Advantages of using dask

>>Limitations of task

>>Dask Setup

>Understanding dask arrays:

>>Introduction to blocked algorithms

>>Hands on with DASK Arrays

>>Digging deeper into dask arrays

>>performance comparision with numpy arrays

>>creating universal numpy functions with dask

>>Limitations of Dask

>Parallelizing python code with DASK:

>>Lazy Evaluation

>>using dask.delayed

>>understand task graphs

>Understanding Dask Dataframes:

>>Introduction to dask dataframes

>>exploring dask dataframes

>>creating dask dataframes

>>loading large datasets with dask dataframes

>>analyzing data with dask dataframes

>>limitations of dask dataframes

>Exploring Dask Bags:

>>Introduction to dask bags

>>creating and storing dask bags

>>manipulating dask bags

>>word count example using dask bags

>>Limitations of Dask Bags

>Distributed computing with dask:

>>overview of distributed computing with dask

>>setting up your dask cluster

>>understanding dask schedulers

>>Exploring dask dashboard UI

>Machine Learning with Dask:

>>Introduction to dask ML

>>using dask ML for regression

>>using dask ML for Classification