

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