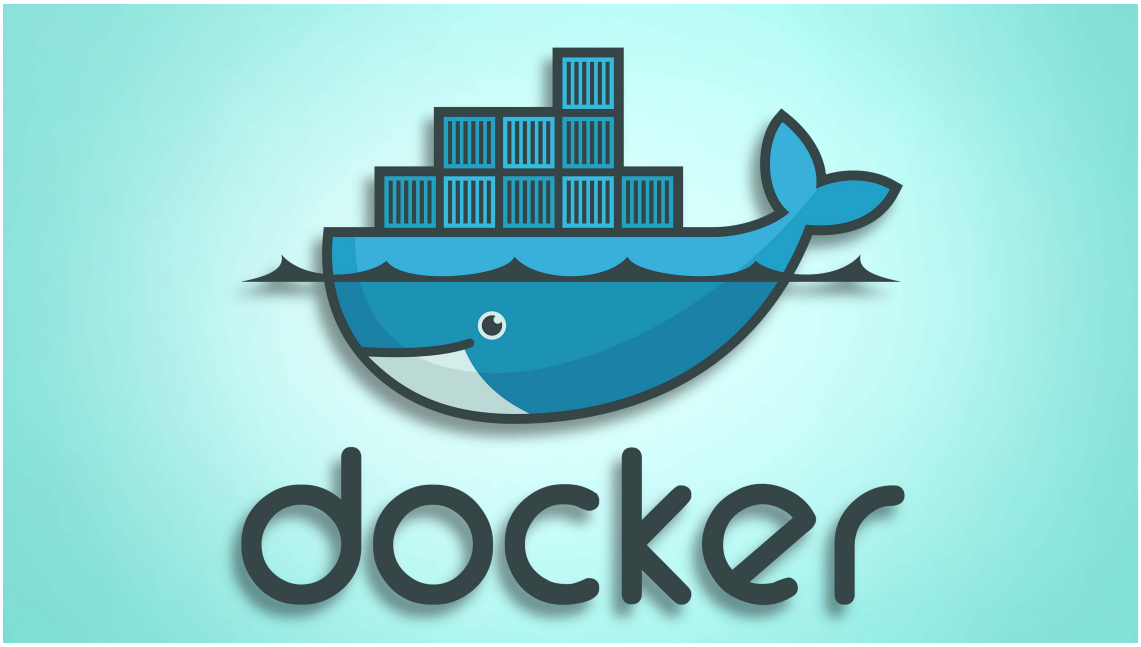
Welcome to ineuron.ai




Docker

**Description:**

Docker makes it easier to create, share, and operate contemporary programmes. Docker is a programme that uses containers to make it easier to construct, deploy, and manage applications.

**Start Date:**

**Doubt Clear Time:**

**Course Time:**

**Features:**

# Source code

# Downloadable resources

# Quizzes

# Completion certificate

**What we learn:**

# Docker & its architecture

# Docker as a service

# Docker CLI

# Docker Volumes

# Port Mapping

# Dockerizing a web application

**Requirements:**

# Prior knowledge of linux

# A System with good internet connection

# How the bash works

# Interest to learn

# Your dedication

**Instructor:**

**Name:**

Sourangshu Pal

**Description:**

Visual Computing Engineer and instructor at iNeuron.ai having 3 years of diverse experience in the discipline of visual computing with specialization in Deep Learning and Computer Graphics. Loves to analyze, process, and model visual data then interpret the insights to create actionable plans for solving challenging business problems.

**>Docker Introduction:**

>>Introduction

>>What is Docker?

>>Why Docker?

>>Benefits of Docker

>>What is Container?

>>Containers vs VM

>>Containers vs Image

>>Docker Editions

>>What Docker is not?

>>Important Terminologies

>>Docker Setup in Windows

>>Docker Setup in Linux

>>Docker Setup in Mac

**>Basic Usage:**

>>Docker Basic Commands part 1

>>Docker Basic Commands part 2

**>Docker Run:**

>>Docker Run Part 1

>>Docker Run Part 2

**>Docker Images:**

>>Docker Images

>>Creating a new image

>>Environment variables

>>Commands & Entry Points

**>Docker Compose:**

>>Docker Compose

>>Voting Application Understanding

>>Docker Compose Versions

>>Docker Compose Networks

>>Voting Application with Docker Run

>>Voting Application with Docker Compose

**>Docker Concepts:**

>>Docker Engine

>>Docker Storage

>>Docker Networking

>>Docker Registry