Welcome to ineuron.ai

Linux Live Class

Description:

This Linux course looks at the tools and techniques that Linux system administrators and end-users use on a daily basis to complete their tasks in a Linux environment.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Online classes

Doubt Clearing

Live-Class Recording

Real-time Project

Assignment in all modules

Quiz in every module

Career Counselling

Completion Certificate

What we learn:

Linux Introduction

Setting up Our Linux Space

Linux Concepts

Package Management

Linux Commands

Working with Terminal

Permissions & Security

Requirements:

A system with Internet Connection

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.

>Linux Introduction:

>>Introduction to Linux

>>What is Linux

>>Important Pieces in Linux

>>Features of Linux

>>Evolution of Linux

>>Differences between Windows and Linux

>Setting up Our Linux Space:

>>Downloading Necessary tools

>>Installing Ubuntu in Windows

>>What is SSH?

>>Install SSH Clients

>>Setting up SSH in Ubuntu VM

>>How to do SSH to your Ubuntu VM?

>>Setting Up Passwordless SSH

>Linux Concepts:

>>What is Kernel

>>Types of Kernel

>>What is Shell

>>Types of Shell

>>Distros in Linux

>>Linux Boot Process

>>File System

>>RunLevels in Linux

>>Filetypes of Linux

>Package Mangement:

>>Package Management

>>Package Managers & DPKG

>>Working with APT & APT GET

>>Apt-get Advanced Part 1

>>Apt-get Advanced Part 2

>Linux Commands:

>>Linux Commands Part1

>>Linux Commands Part2

>>Linux Commands Part3

>>Linux Commands Part4

>>Cat Command Usages

>Working with Terminal:

>>File Archival

>>File Compression

>>Files and Patterns Search

>>Input-Output Redirection

>>Working with Vi Editor

>>Advanced Vi Editor Part 1

>>Advanced Vi Editor Part 2

>Permissions & Security:

>>Types of Account in Linux

>>User Management

>>Group Management

>>Files Access Controls

>>Linux File Permissions

>>Modifying File Ownership

>>Sudoers in Linux

>>Cronjobs

>>SCP

>>Special Permissions

>>System Management

>>System tools

>>Hard link and Soft link

>>Aliasing in Linux

>>Creating users in Multiple ways

>Linux in AWS Cloud- Deploy an App in EC2:

>>Launching an Ubuntu VM and SSH Setup

>>Package installation in VM

>>Running our Calculator App

>>Gunicorn & Nginx Setup

>>Creating a Gunicorn Service

>>Attaching an Elastic IP

>>Attaching OpenSSL Certificates for HTTPS