Live Session: Version Control Systems

Welcome to the live session on ‘Version Control’. The live session length will

be 2 hours.

In this session, the SME will be covering some of the introductory concepts of Git.

This session will be covering the following topics:

● Introduction and usage of Version Control

● Git Operations

Note for the SME:

● This is going to be a purely interactive session wherein the trainer would try to engage

students more.

● Before running the commands on a command prompt, ask the learners about their expected outputs.

● Please make sure to test run these commands prior to the session to avoid any

hick-up during the session.

Part 1 : Version Control Systems(55 minutes)(

1. Introduction to version control systems
2. Why are version control systems needed(demo with an example)
3. Examples of version control system(VCS, Git, BitBucket, etc)(any 3 : Git mandatory)
4. Types of version control systems(Local , Centralised, and Distributed)
5. Setting Up Git

Doubts Pause: 5 minutes

Part 2: Git(1 hour)

1. How to clone a repository
2. Git commits with live example
3. Git push operation with live example
4. Git pull operation with live example
5. Forking from a repository(Branch creation)
6. Merging into a repository using pull requests
7. How to create a new repository