# **Day 2 - 17 May 2025**

**Document Name:**Day 2 - hmuvvala@ - Hari Gopal Muvvala

### **Topic: GitHub and Git Basics**

On Day 2, we were introduced to Git and GitHub. The trainer explained the importance of version control and how Git helps track file changes over time.

We were asked to create a GitHub account (if we didn’t have one), and then create a repository. I already had my account ready, so I directly created a new repository named **Atlas**.

### **What I Did Today**

* ✅ Created a GitHub repository (named **Atlas**)
* ✅ Learned some basic **Git commands** like:
  + git status
  + git init
  + git add
  + git commit -m ""
  + git push origin main
* ✅ Practiced uploading a file to my repo using the **GitHub GUI** (drag and drop method)
* ✅ Tried using **command-line (terminal)** on my VM to create a file and push it using Git commands
* ✅ Understood how **staging → committing → pushing** works (basically the 3 steps to send code to GitHub)

### **Things I Observed and Understood**

* Git is like a record keeper for our files. It remembers what changed and when.
* Pushing code to GitHub felt satisfying, like I really started becoming technical!
* There are many commands, but we mostly used git init, git add, git commit, and git push.

### **Note to Self**

I will need to practice these steps again to become more confident. Especially the flow from creating a file → adding it to staging → committing → pushing it to GitHub.

I followed the steps shown by our trainer and classmates like Hemanth and Abhishek, which made it easier to understand.