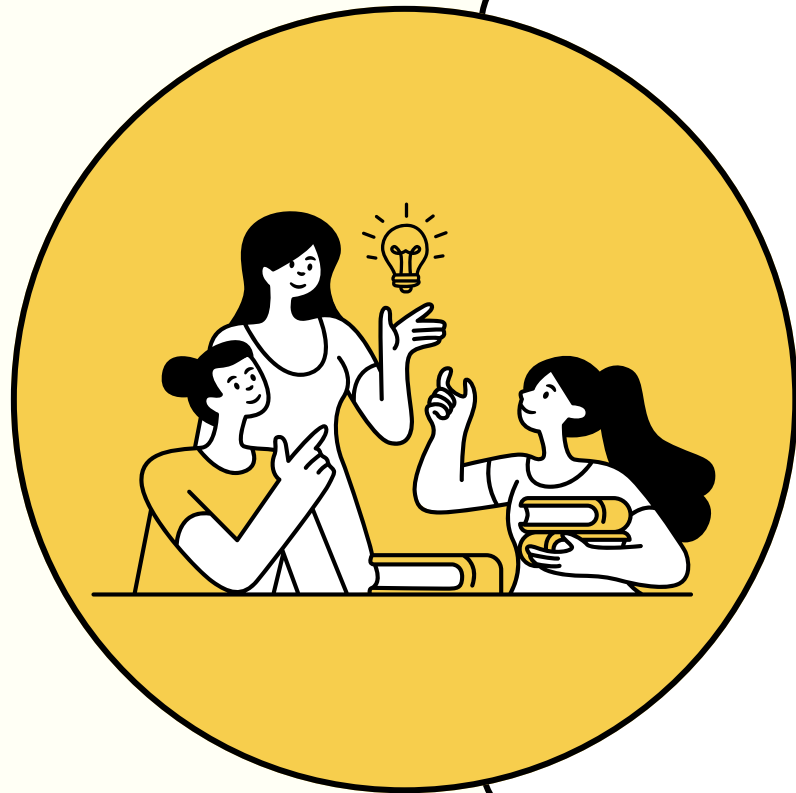




# 4 STEPS TO MASTER VERSION CONTROL WITH GIT AND GITHUB



## 01. UNDERSTAND GIT & GITHUB

**Git** is a distributed version control system that tracks code changes, while GitHub is a cloud platform that hosts Git repositories.

Why it matters:

- Prevents data loss
- Enables teamwork and open-source collaboration
- Keeps detailed project history

💡 *Think of Git as your local history tool and GitHub as the online library where you publish and collaborate.*

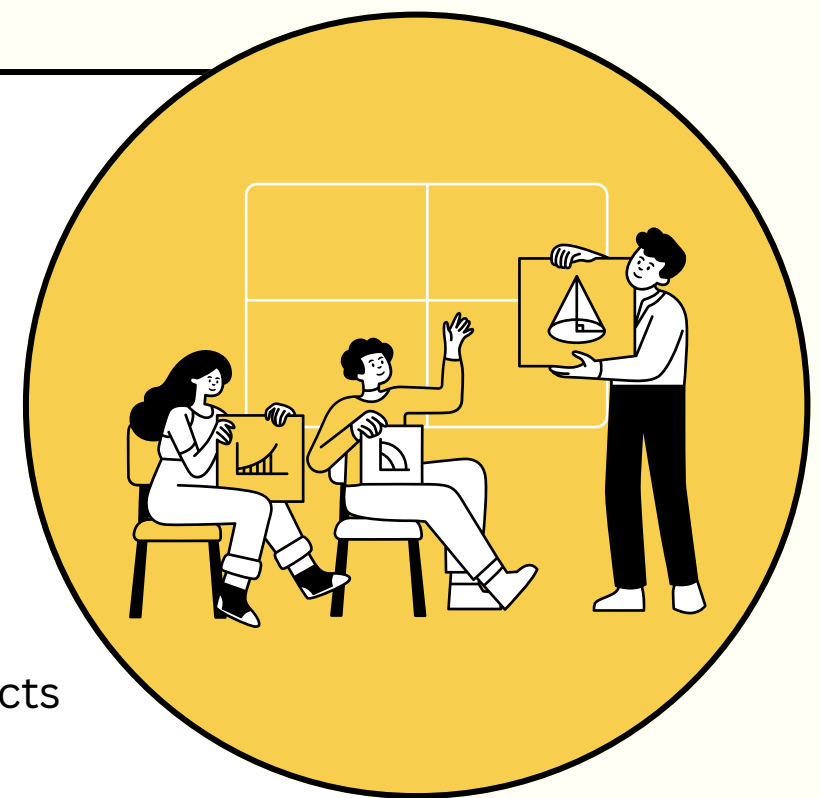
## 02. CREATE YOUR GITHUB ACCOUNT

Visit [github.com](https://github.com), click **Sign Up**, and choose your username.

🔗 Set up your profile:

- Add a photo and short bio
- Link your portfolio or project site
- Configure two-factor authentication for security

**Pro Tip:** Star or fork repositories you admire – it helps GitHub recommend projects aligned with your interests.



## 03. TRY THE “HELLO WORLD” PROJECT

The *Hello World* exercise on GitHub teaches you how to:

- Create a repository
- Commit your first change
- Open and merge pull requests

🌱 *Each pull request is a conversation about improving code.*

Learn how to propose edits safely without affecting the main branch – a core part of professional collaboration.



## 04. BUILD YOUR PROFILE PORTFOLIO

Use your GitHub profile as a **digital resume**.

- Pin top repositories
- Add a README with your projects and interests
- Engage in open-source communities

🌐 *Your GitHub contributions show your technical growth – it’s your public proof of skill.*

