

Git & GitHub for Beginners

Duration: 2 Days

Prerequisites:

- Basic understanding of version control concepts: Familiarity with the idea of tracking changes and managing versions of files.
- Fundamental computer literacy: Ability to navigate the operating system (Windows, macOS, or Linux) and manage files and directories.
- Basic familiarity with command line interface (CLI): Comfort with executing simple commands in a terminal or command prompt environment.
- Basic text editing skills: Ability to create and edit text files using a text editor.
- An open mindset to learn new tools and workflows: Willingness to adopt new technologies and adapt to the Git and GitHub ecosystem.
- No prior experience with Git, GitHub, or any other version control system is necessary. The course is designed to guide beginners through the basics and establish a strong foundation in both Git and GitHub.

Course Description:

The "Git & GitHub for Beginners" course provides a comprehensive introduction to version control using Git and GitHub. It is designed to help learners understand and apply the fundamental concepts of source code management. Git for beginners is covered in Module 1, where participants learn how to install, configure, and initialize Git, as well as basic command-line usage. Module 2 dives into creating and managing files and folders with Git, including adding files, staging, commits, and working with branches. As learners progress to Module 3, they are introduced to GitHub for beginners, creating accounts, repositories, and learning to synchronize their local repositories with remote ones on GitHub. Finally, Module 4 focuses on branching in GitHub, covering the GitHub Flow, and how to handle branches remotely. This course equips learners with the skills to manage their projects efficiently, collaborate with others, and contribute to open-source projects using Git and GitHub.

Target Audience:

- Software Developers and Programmers
- Web Designers and Developers
- DevOps Engineers
- Technical Project Managers
- Computer Science/Engineering Students
- Data Scientists
- Technical Writers
- System Administrators
- Quality Assurance Testers
- IT Professionals looking to improve their workflow
- Hobbyists wanting to manage personal projects

Course Outlines:

Module 1: Introduction to Git

- Get started with Git
- Install Git
- Using command line
- Configure Git
- Git folder
- Initialize git

Module 2: Creating files/folder with Git

- Add new files to Git
- Git staging
- Git commits
- Git Help
- Working with Git Branches

Module 3: Introduction to GitHub

- GitHub Account
- Repository on GitHub
- Push Local Repo to GitHub
- Editing in GitHub
- Pulling from GitHub
- Pushing to GitHub

Module 4: GitHub Branches

- GitHub Branches
- Pulling branch from GitHub
- Pushing Branch from GitHub
- GitHub Flow

REGISTER NOW!

training@trends.com.ph
(+632) 8863-2123
www.trendssacademy.com.ph