

Course on Data Analytic Portfolio Project

Course Facilitator: Amarachi Ugagbe

Course Description:

This course is designed to teach data analysts how to effectively use GitHub as a platform to manage and showcase their data analysis projects. Participants will learn how to create repositories and deploy projects for public viewing. It also shows other platforms for creating portfolios like Canva.

Prerequisites:

Basic understanding of data analysis and visualization techniques.

Duration:

2 sessions, 2 hours 30 minutes each.

Course Outline:

Session 1:

- Understanding the concept of Portfolio and its importance
- Introduction to Git and GitHub.
- Setting up a GitHub account and configuring user settings.
- Creating and Managing Repositories
- Organizing files and folders within a repository.
- Understanding branches and their purpose.
- Creating and switching between branches.
- Merging branches using pull requests.
- Uploading and managing data files.
- Understanding Markdown Language

Section 2:

- Creating a basic webpage for project documentation
- Embedding visualizations and interactive elements.
- Publishing and Showcasing Projects
- Introduction to Canva for website design
- Creating a personal portfolio website using Canva

Assessment and Evaluation:

Hands-on practical and assignments.

Final project: Students will house a data analysis project on GitHub, following best practices learned throughout the course.

Resources:

1. Class presentation slides
2. Online documentation on Markdown from GitHub.