



Welcome to this **Co**Grammar Tutorial: The Terminal, Python & Github

The session will start shortly...

Questions? Drop them in the chat.
We'll have dedicated moderators
answering questions.



Skills Bootcamp

8-Week Progression Overview

Fulfil 4 Criteria to Graduation

✓ Criterion 1: Initial Requirements

- **Timeframe:** First 2 Weeks
- **Guided Learning Hours (GLH):**
Minimum of 15 hours
- **Task Completion:** First four tasks

Due Date: 24 March 2024

✓ Criterion 2: Mid-Course Progress

- **Guided Learning Hours (GLH): 60**
- **Task Completion:** 13 tasks

Due Date: 28 April 2024

Skills Bootcamp Progression Overview

✓ Criterion 3: Course Progress

- **Completion:** All mandatory tasks, including Build Your Brand and resubmissions by study period end
- **Interview Invitation:** Within 4 weeks post-course
- **Guided Learning Hours:** Minimum of 112 hours by support end date (10.5 hours average, each week)

✓ Criterion 4: Demonstrating Employability

- **Final Job or Apprenticeship Outcome:** Document within 12 weeks post-graduation
- **Relevance:** Progression to employment or related opportunity

**SKILLS
FOR LIFE**

SKILLS BOOTCAMPS



Department
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CoGrammar

The Terminal, Python & Github

March 2024

Agenda

- ❖ Python Installation
- ❖ Setting Up Dev Environments
- ❖ The Terminal
- ❖ Git
- ❖ GitHub

Python Installation



Python Installation

- ❖ Download and install Python from the official website [here](#).
- ❖ During installation, ensure that the option to add Python to the system **PATH** is selected.
- ❖ Verify the installation by opening a terminal or command prompt and typing **python --version** to check the Python version installed.

Setting up Dev Environment



Dev Environment Setup

- ❖ Download and install VsCode from the [official website](#).
- ❖ Python Extension Installation
- ❖ Python Linters
- ❖ Handy Extensions
- ❖ Virtual Environments

The Terminal



What is a Terminal ?

The terminal, also known as the command line or shell, is a text-based interface used for interacting with your computer's operating system. Instead of relying on graphical elements like buttons and icons, you communicate with the computer by typing commands. It allows you to perform various tasks such as navigating the file system, executing programs, and managing files efficiently.

Navigating the Terminal

- ❖ Navigating Directories
- ❖ Listing Directory Content
- ❖ Creating Files & Removing Files
- ❖ Copying & Moving Files
- ❖ Viewing and Searching for Files

**Let's take a short
break**



Git & Github



Git

- ❖ Install Git from the official website [here](#).
- ❖ Configure Git with your name and email address using the ``git config`` command.
- ❖ Initialize a Git repository in your project directory using ``git init``.
- ❖ Stage files for commit using ``git add``, commit changes using ``git commit``, and view commit history using ``git log``.

Github

- ❖ Sign up for a GitHub account at [here](#).
 - Create a new repository on GitHub.
 - Link your local Git repository to the remote repository on GitHub using `git remote add origin <repository URL>`.
 - Push your local commits to the remote repository using `git push`.
 - Collaborate with others by forking repositories, making changes, and creating pull requests.

Questions and Answers



Thank you for attending



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