

Assignment 1

DSE 512

Assigned 2022-8-25 — Due 2022-8-29 11:59pm

Prepare your answers in a presentable document (Word, LaTeX, pdf generated from markdown, ...). When you are completed, submit your final document on Canvas.

Response

For each question, give a brief response (no more than a paragraph). Generally a sentence or two is all I'm looking for.

1. (Background) What is your

- current area of study
- undergraduate degree

Feel free to provide any other relevant information you think I need.

2. (Computing Experience) Briefly describe your background with computing, programming, operating systems, ...
3. What are you most hoping to learn about from this course? If you don't know or are unsure, that's fine; just say that.

Accounts and Software

1. You will need an account with GitHub <https://github.com/>. Once you register, tell me your GitHub user name.
2. Install git <https://git-scm.com/downloads>
3. You will need a *nix environment. You *may* be able to use some kind of online resource like https://www.onlinegdb.com/online_bash_shell or https://www.tutorialspoint.com/linux_terminal_online.php. However, I **very very** strongly recommend you do at least one of the following:
 1. Install a local environment
 1. Windows - I recommend WSL <https://docs.microsoft.com/en-us/windows/wsl/install>
 2. Mac - I think you're good to go, but you may need to install Xcode from the app store. I'm not sure!
 3. Linux/BSD - You're good to go.
 2. Install a VM
 1. Download VirtualBox for your platform
 2. Install Ubuntu 22.04

Tell me which of these you plan to use this semester.

4. Install R <https://www.r-project.org/> and Python <https://www.python.org/>