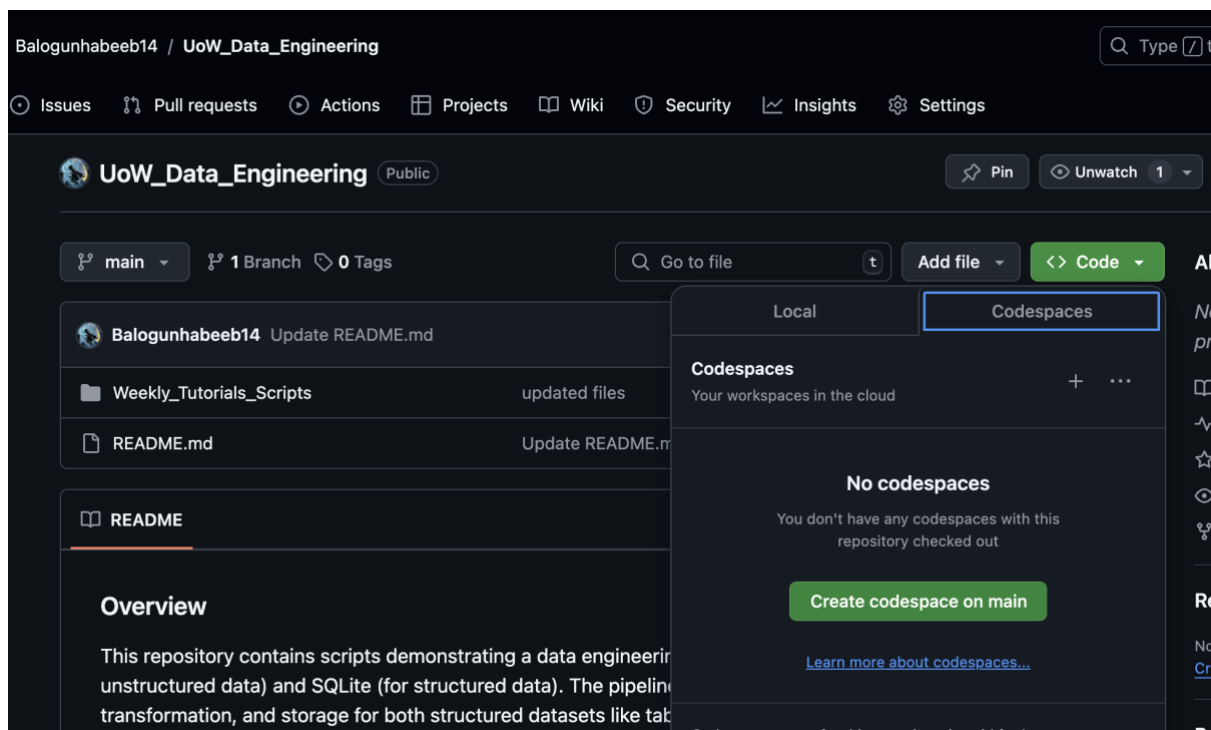


Week 10: Using git & git codespace

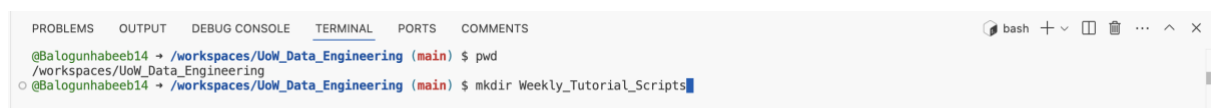
Tasks:

1. Complete seminars for weeks 7, 8, and 9. Week 7 covered the ingestion of images and text; Week 8 covered image and text processing; Week 9 covered storage for image, text, and their metadata in MongoDB.
2. If you are done with Task 1 and Task 2.
3. Create a GitHub account or sign in if you already have one.
4. Create a public repository; you can name it **UoW_Data_Engineering**
5. Create a readme file. In the readme, provide a good document briefly explaining what each week covered and what each folder you will be creating contains.
6. Go to the Google account that is usually used to implement all seminars.
7. Then go into the drive, and you will find all the seminar ipynb files. Download them all, alternatively, download all the weekly ipynb from BB
8. Upload all the ipynb directly to your GitHub repo **UoW_Data_Engineering**.
9. Click on commit when the upload is finished.
10. Click on the repository and then click on code to start the GitHub codespace. **A codespace is a development environment that's hosted in the cloud.**



Like a typical visual studio code, the codespace will open on a new tab. It will ask to install Python and some plugins; allow that installation.

11. Once the installation is done, go to the terminal.
12. Check your current location and create a folder named `Weekly_Tutorial_Scripts` by typing.



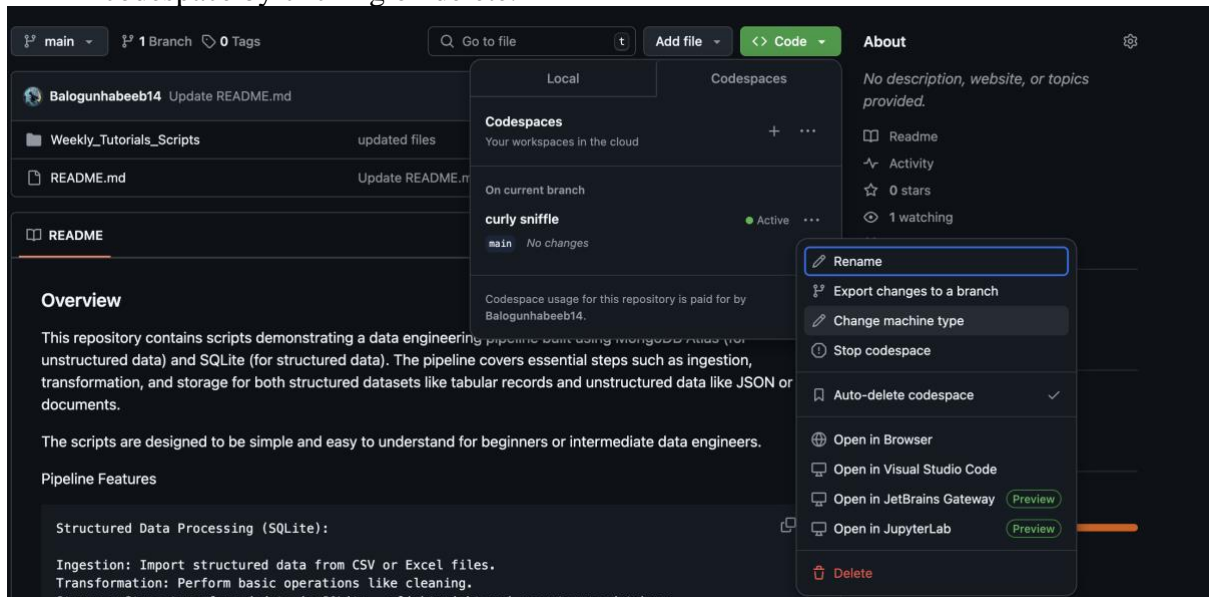
13. Move all the .ipynb in the root directory to `Weekly_Tutorial_Scripts`



14. Add all the files and commit to the repository. Use the following commands, one after the other.

git add .
git commit -m 'Created folder and added all the weekly scripts to it'
git push

15. Once the push is complete. Close the Tab. Then, go to your repository to shut down the codespace by clicking on delete.



16. Star UoW_Data_Engineering on my repository. [Link](#)

