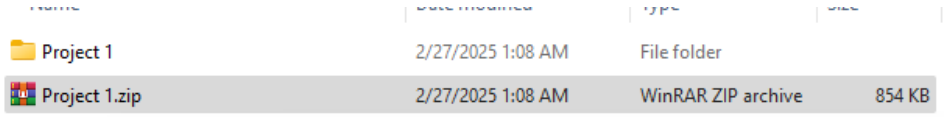
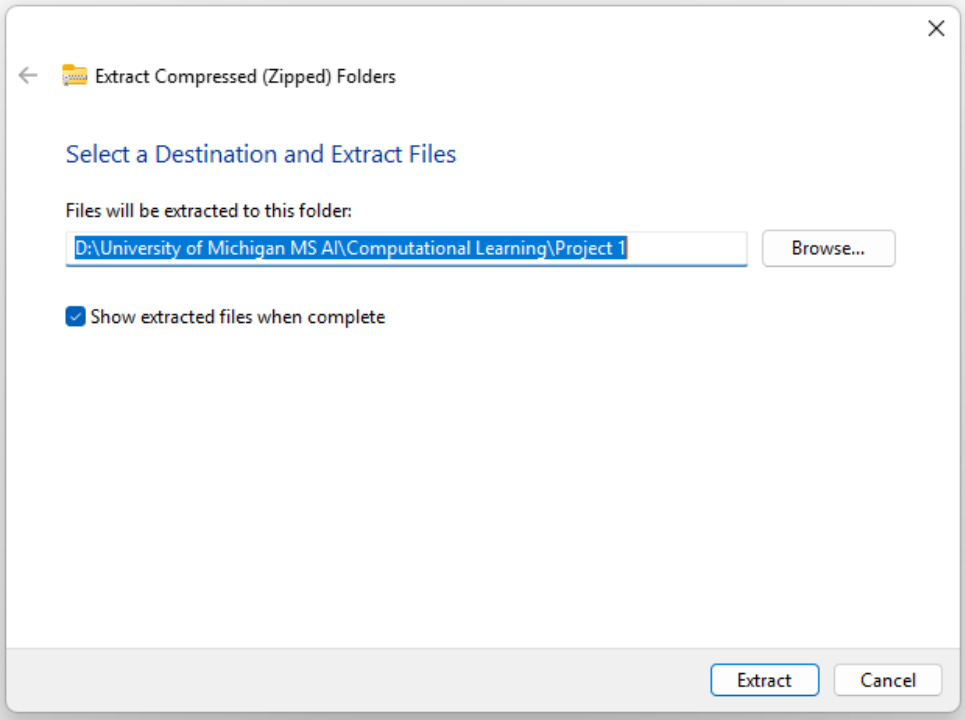
How to Run CIS_581_Project_1.ipynb in Jupyter Notebook

Step 1: Unzip the File

The project is in a ZIP file, extract it to any path you desire:

- This will create a folder named Project_1.





Step 2: Navigate into the Unzipped Folder

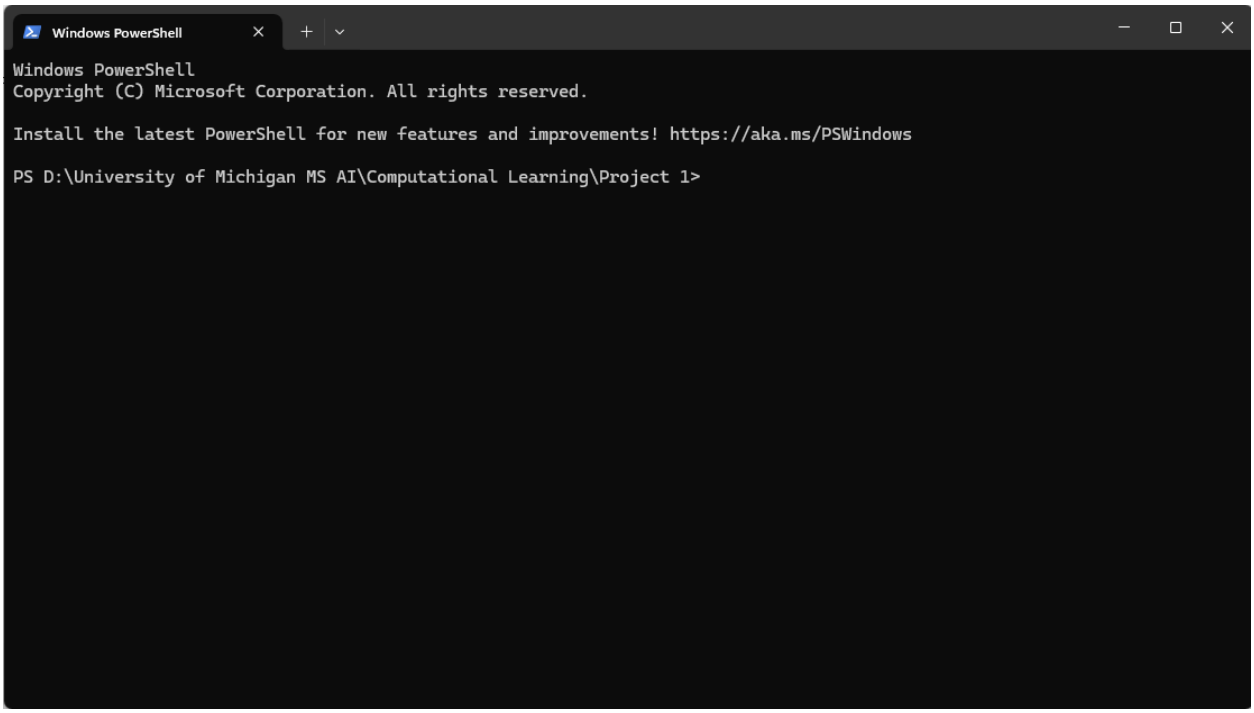
After extracting, move into the Project_1 directory:

Name	Date modified	Type	Size
.ipynb_checkpoints	2/24/2025 2:30 PM	File folder	
CIS_581_Project_1.ipynb	2/27/2025 1:07 AM	Jupyter Source File	116 KB
How to Run Project_1.docx	2/25/2025 1:49 AM	Microsoft Word D...	17 KB
Project_1.docx	2/25/2025 1:49 AM	Microsoft Word D...	37 KB
project_1_CIS_581.pdf	2/17/2025 1:59 PM	Adobe Acrobat D...	173 KB
test.dat	2/17/2025 2:06 PM	DAT File	1 KB
train.dat	2/18/2025 5:39 PM	DAT File	1 KB

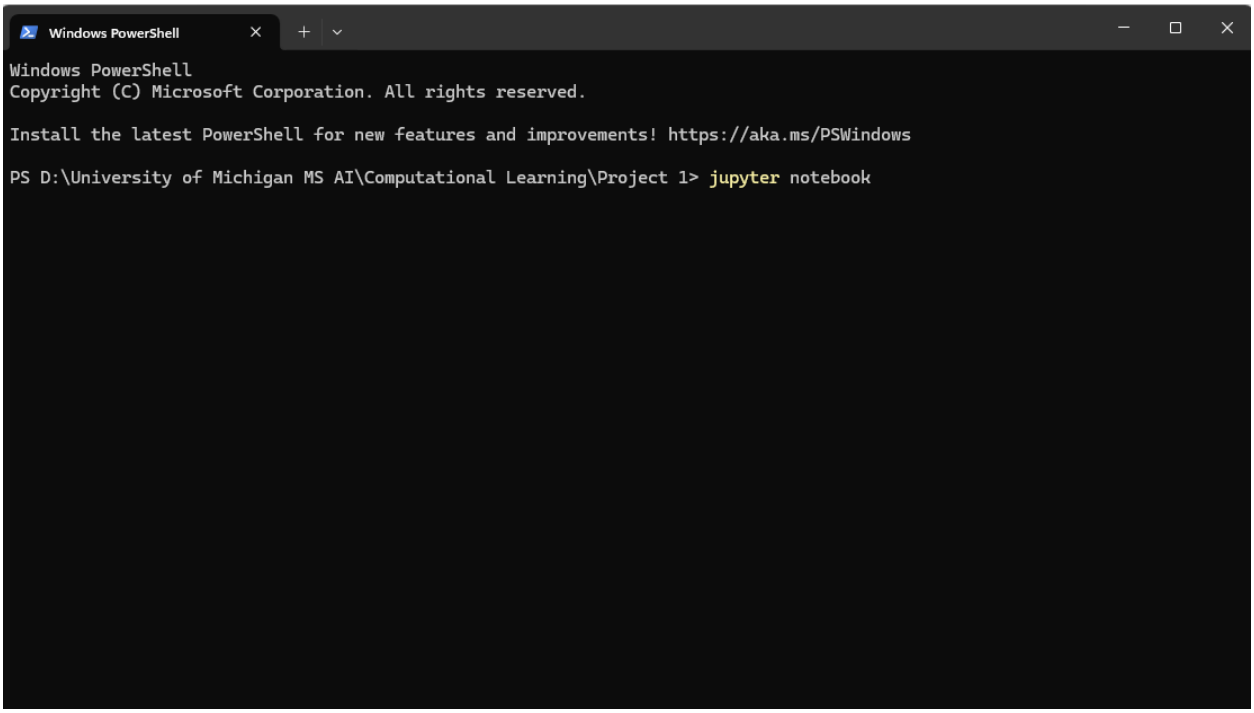
Step 3: Open Terminal from the Project Folder

If using Windows:

- Open File Explorer and go to Project_1 folder.
- Right-click inside the folder and select "Open Terminal" (or "Open PowerShell").



- Now, if you have Anaconda downloaded in your laptop/PC or jupyter notebook just type jupyter notebook in terminal and press enter.



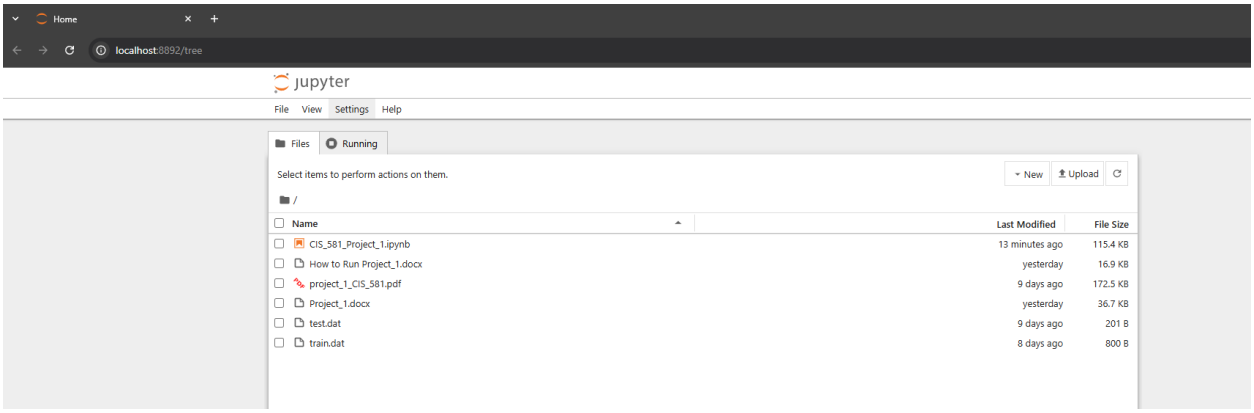
- If jupyter notebook is not installed download anaconda it will come with all the software's, you will need to run the code.

Link to download anaconda: https://www.anaconda.com/download

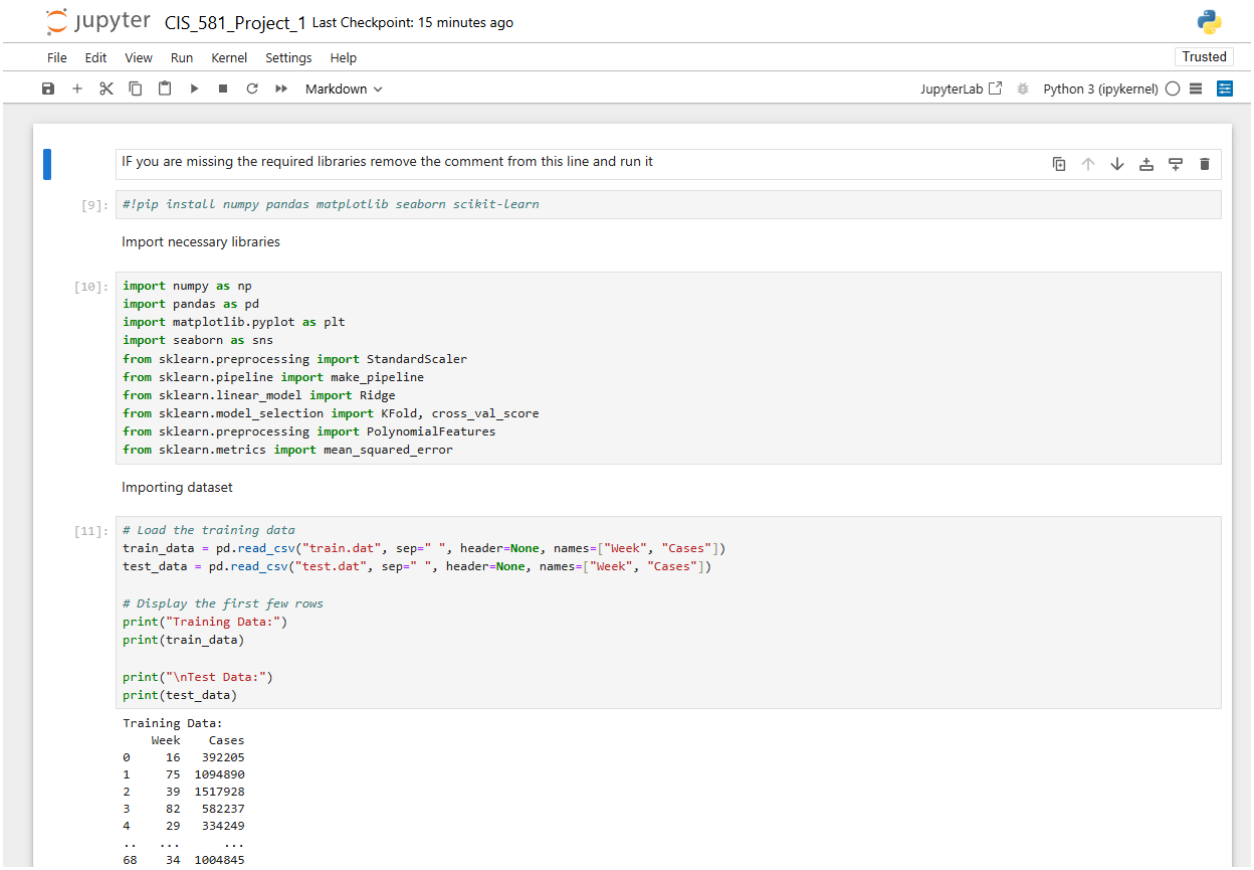
If you use Mac/Linux, you're already inside the project folder after running cd Project_1.

Step 4: Launch Jupyter Notebook

- This will open Jupyter Notebook in your default web browser.



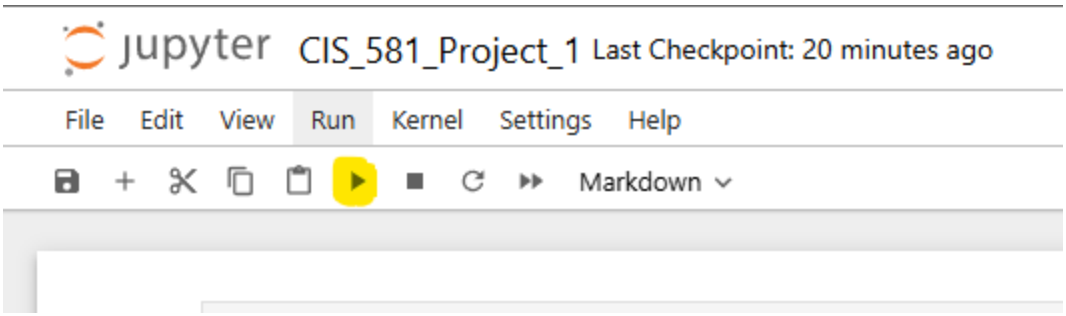
- Select the folder which says "CIS_581_Project_1.ipynb".
- It will take you to the other window which has the code in it.



Step 6: Run the Code Cell by Cell

- Click on the first code cell.
- Press Shift + Enter to run each cell one by one.

- I have added some lines to be sure if jupyter notebook is working or not.
- If you will run the first cell it will display python version and a sentence stating that, “Hello this means that everything is working so far.”
- From here you can keep pressing SHIFT+ENTER or you can click on the run button on the tool bar above.



- Remember to wait for 2 seconds to make sure the cell did run, and you have the calculated value before running the next cell.