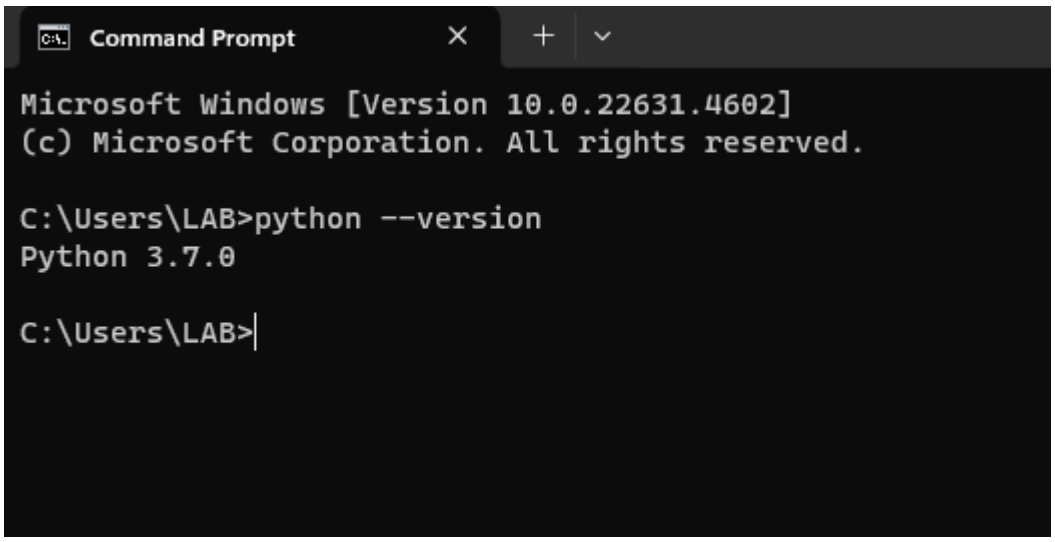
Experiment – 1

AIM: Implement and demonstrate the FIND-S algorithm for finding the most specific hypothesis based on a given set of training data samples. Read the training data from a .CSV file.

Open cmd:



Enter the following command:

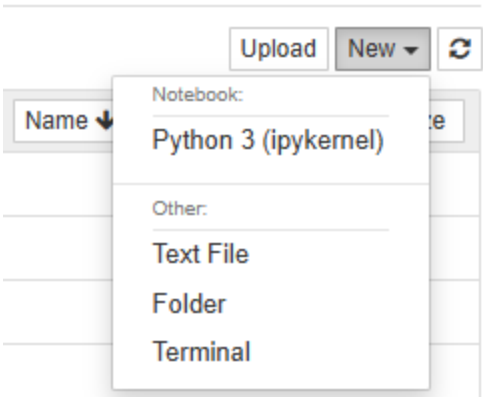
- pip install jupyter notebook

Enter the following command:

- python –m notebook

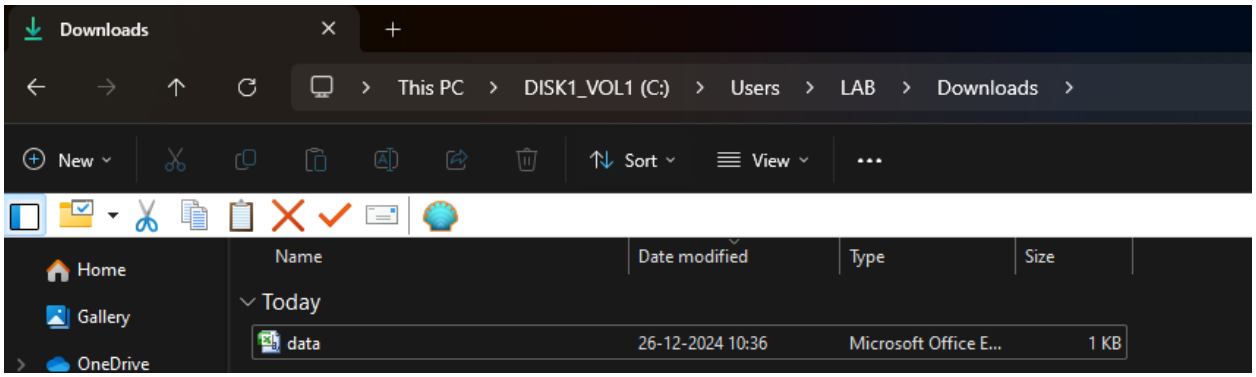
```
C:\Users\LAB>python -m notebook


Read the migration plan to Notebook 7 to learn about the new features and the actions to take if you are using extensions.

https://jupyter-notebook.readthedocs.io/en/latest/migrate_to_notebook7.html

Please note that updating to Notebook 7 might break some of your extensions.

[I 10:21:52.490 NotebookApp] Serving notebooks from local directory: C:\Users\LAB
[I 10:21:52.490 NotebookApp] Jupyter Notebook 6.5.7 is running at:
[I 10:21:52.490 NotebookApp] http://localhost:8888/?token=280f777b4e22d879c776e9eb35d05f2c8a1c9a637a2b35cf
[I 10:21:52.491 NotebookApp]  or http://127.0.0.1:8888/?token=280f777b4e22d879c776e9eb35d05f2c8a1c9a637a2b35cf
[I 10:21:52.491 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 10:21:52.544 NotebookApp]

    To access the notebook, open this file in a browser:
        file:///C:/Users/LAB/AppData/Roaming/jupyter/runtime/nbserver-3452-open.html
    Or copy and paste one of these URLs:
        http://localhost:8888/?token=280f777b4e22d879c776e9eb35d05f2c8a1c9a637a2b35cf
     or http://127.0.0.1:8888/?token=280f777b4e22d879c776e9eb35d05f2c8a1c9a637a2b35cf
```

Open new python file:



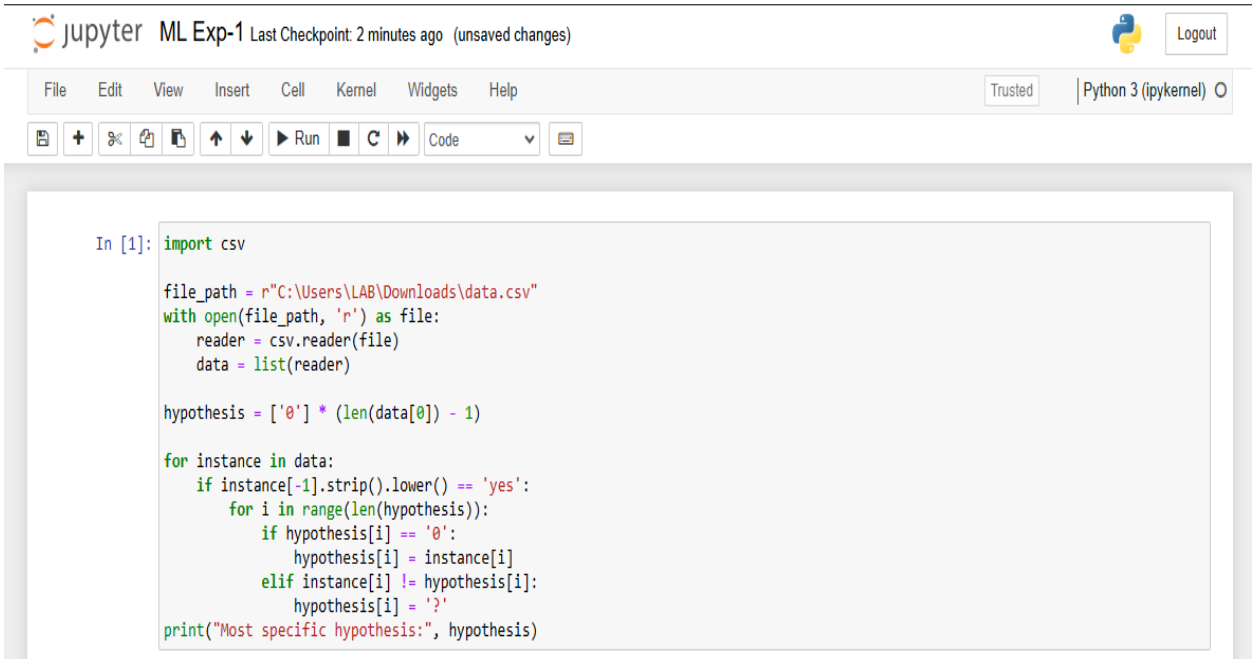
Download the dataset:

(copy data.csv file from user and paste it in your downloads)



Open the jupyter notebook file:

Write the following code



To run code:

Click :(shift+enter)

Output: