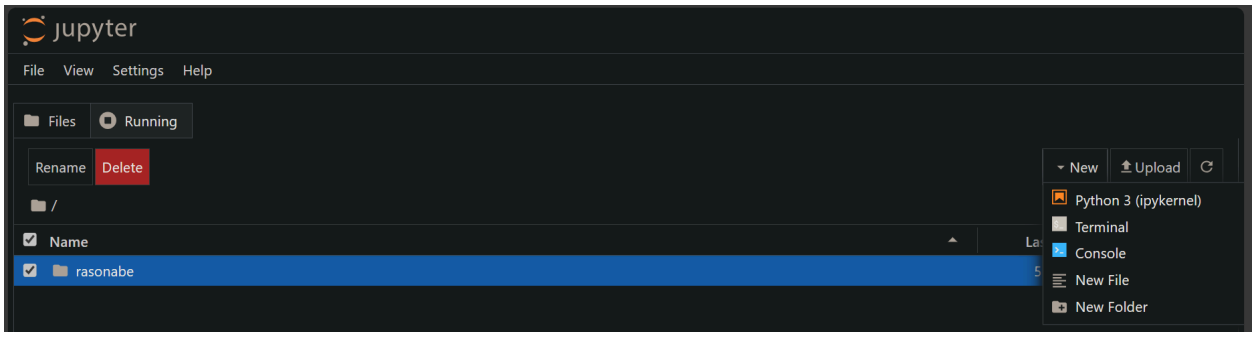
RASONABE, CHIARA MAE P.

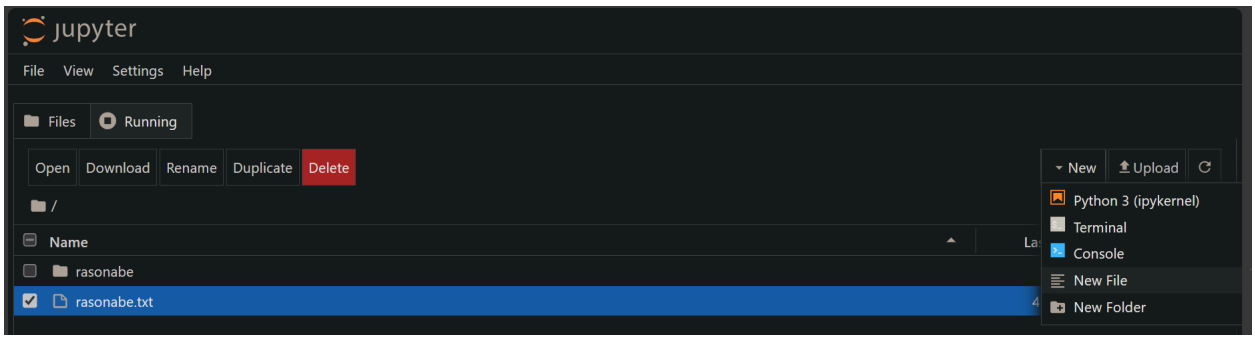
BSCS3C

JUPYTER NOTEBOOK ACTIVITY

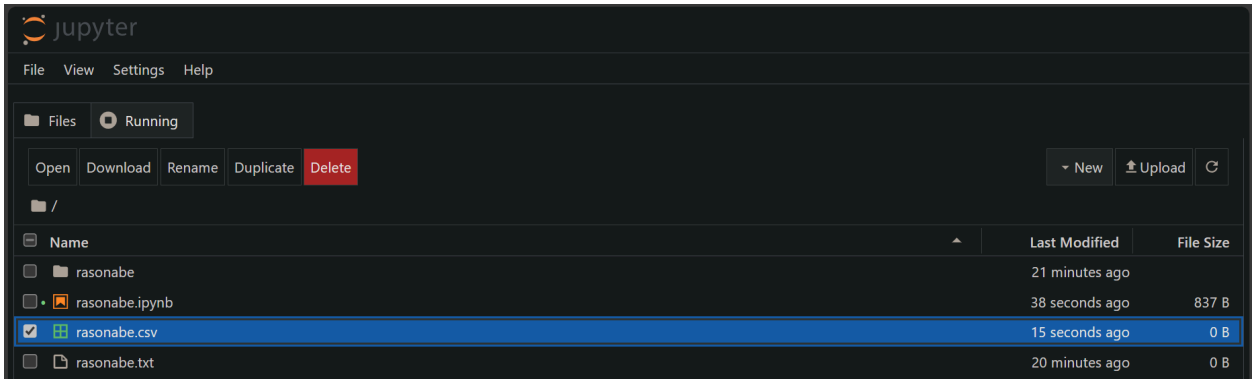
1. Adding Folder



2. Adding Text file

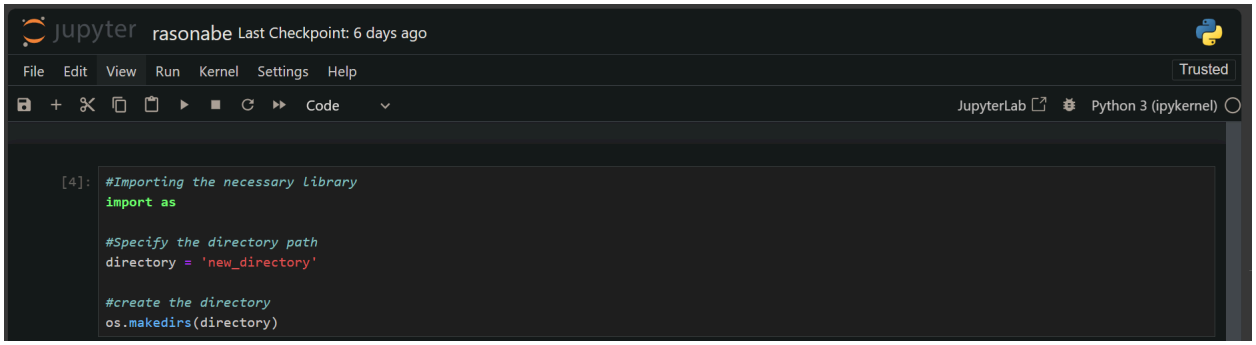


3. CSV file for data analysis and visualization

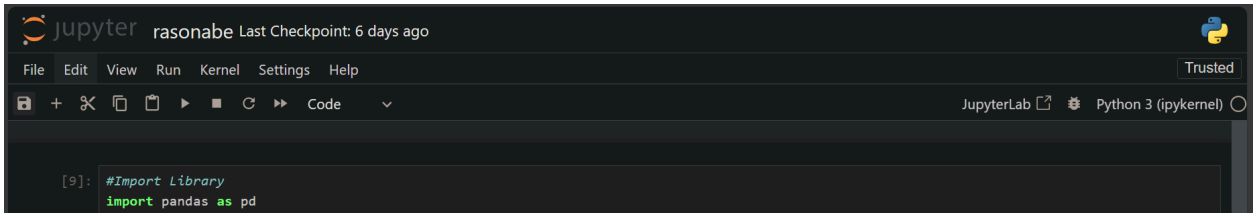


4. **To write and call dictionary methods.**

5. **To create a directory using jupyter notebook**



6. **To import libraries**

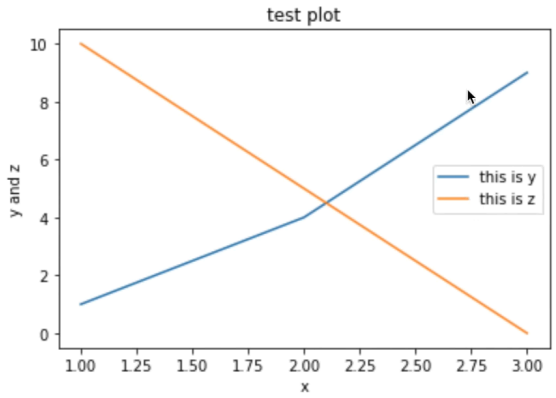


7. To use CSV file for data

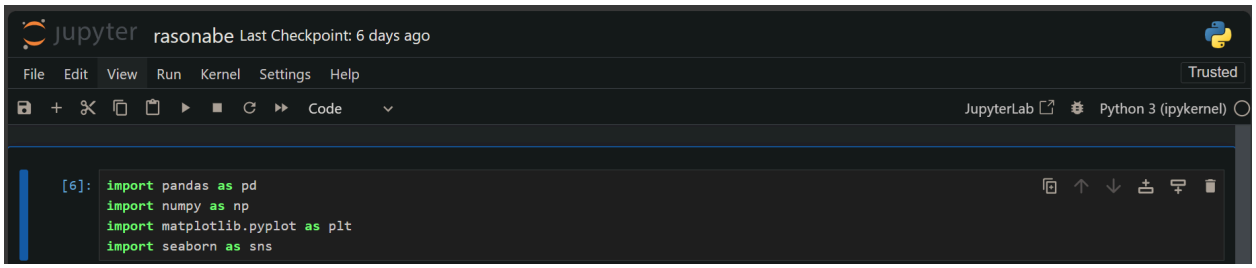
```
In [1]: import pandas as pd

In [2]: from matplotlib import pyplot as plt
```

```
In [5]: x = [1, 2, 3]
        y = [1, 4, 9]
        z = [10, 5, 0]
        plt.plot(x, y)
        plt.plot(x, z)
        plt.title("test plot")
        plt.xlabel("x")
        plt.ylabel("y and z")
        plt.legend(["this is y", "this is z"])
        plt.show()
```

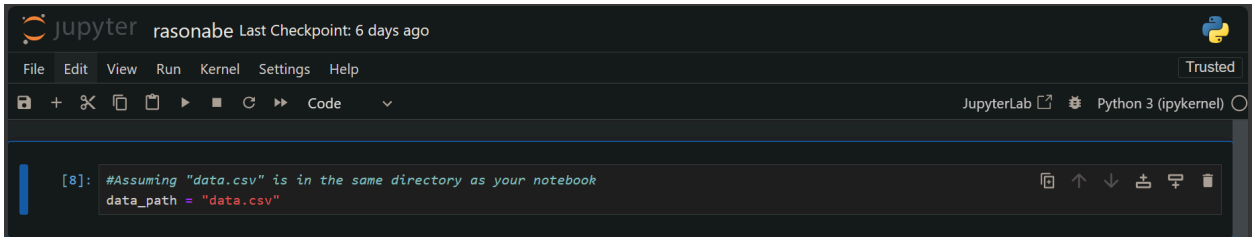
8. Analysis and visualization



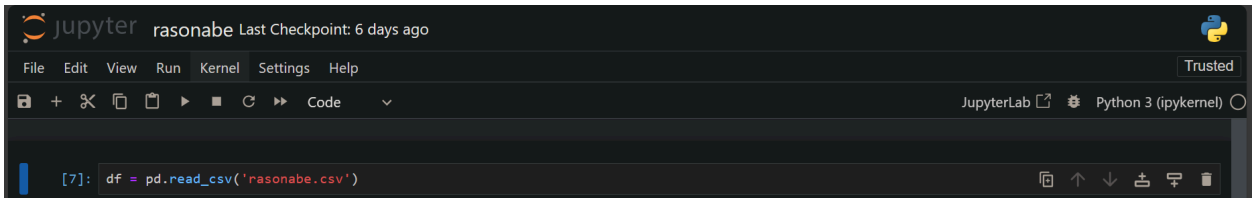
9. Import libraries



10. Finding data



11. Importing data




```
In [7]: sample_data = pd.read_csv('sample_data.csv')

In [8]: sample_data
```

Out[8]:

	column_a	column_b	column_c
0	1	1	10
1	2	4	8
2	3	9	6
3	4	16	4
4	5	25	2

12. Data attributes