**Installation:**

**Platform**: Windows, Mac, Linux.

(We have used Windows OS for this project)

**Introduction**: In this set of instructions, we will be walking you through the process of using Python with Jupyter kernels. Jupyter kernels are programming language-specific processes that run computations and communicate with the Jupyter Notebook web application. By following these instructions, you will be able to run Python code in a Jupyter Notebook environment.

• **Python installation**

• **Jupyter Notebook installation**

**Python Installation:**

1. Go to the official Python website <https://www.python.org/downloads/>. and download the installer for your operating system.

2. Double-click on the downloaded file to start the installation process.

3. Follow the prompts in the installation wizard to select the installation location and configure the setup options.

4. Once the installation is complete, you should be able to access the Python interpreter by typing "python" in your command prompt or terminal window.

5. To verify that Python has been installed correctly, type "python --version" in your command prompt or terminal window.

**Jupyter Notebook installation:**

1. Install Jupyter Notebook on your computer by running the following command in your terminal or command prompt: pip install jupyter.

2. Open a terminal or command prompt and navigate to the directory where you want to create a new Jupyter Notebook.

3. Start a Jupyter Notebook server by running the following command: jupyter notebook.

4. This should open a new tab in your web browser, showing the Jupyter Notebook interface. Click on the "New" button in the top right corner and select "Python" to create a new Python notebook.

5. The version of Jupyter notebook used to run this code is 6.3.0

Conclusion: You now know how to use Python with Jupyter kernels. This powerful combination enables you to interactively explore data, create visualizations, and develop and share code.

**Project Execution:**

1. Open the file named “requirements.txt” to install the required packages to run the code.

2. After successfully installing the requirements.txt file open the “Musketeers\_V3” in jupyter notebook and run each cell block sequentially

3. Copy the address of the two datasets namely Fake.csv, True.csv and include the path in df\_fake and df\_true in the “Musketeers\_v3” respectively

4. Now we can execute the code with the file name “Musketeers\_v3”.