Here are step-by-step instructions for a viewer to download and run your Jupyter Notebook (.ipynb file) in either Visual Studio Code (VSCode) or Jupyter:

**1. Download the Jupyter Notebook File:**

* Click on the provided link to download the .ipynb file to your local machine.
* Save the file in a folder where you want to work.

**2. Running in VSCode:**

**Prerequisites:**

* Ensure you have [VSCode installed](https://code.visualstudio.com/).
* Make sure [Python is installed](https://www.python.org/downloads/) on your machine.
* Install the **Python extension** in VSCode.
  1. Open VSCode.
  2. Press Ctrl+Shift+X or go to the Extensions view (View -> Extensions).
  3. Search for "Python" and install the extension provided by Microsoft.
* Install **Jupyter extension** in VSCode (optional but recommended).
  1. In the Extensions view, search for "Jupyter" and install it.

**Steps to Run the Notebook in VSCode:**

1. Open VSCode.
2. Open the folder where your .ipynb file is located (File -> Open Folder).
3. Right-click on the .ipynb file and select Open with... -> Jupyter Notebook.
4. If prompted, select your Python environment (or create one) by clicking in the lower-left corner where it says Python.
5. Now, the notebook will open in VSCode. Run cells by clicking the play buttons or using Shift + Enter.

**3. Running in Jupyter Notebook:**

**Prerequisites:**

* Ensure you have Python installed. You can download it from [here](https://www.python.org/downloads/).
* Install Jupyter Notebook. Open a terminal (or Command Prompt) and run the following command:

pip install notebook

**Steps to Run the Notebook in Jupyter:**

1. Open a terminal (or Command Prompt).
2. Navigate to the folder where the .ipynb file is located using the cd command, like this:

cd path/to/your/folder

1. Start Jupyter Notebook by running:

jupyter notebook

1. Your web browser will automatically open the Jupyter interface.
2. In the Jupyter dashboard, click on the .ipynb file to open it.
3. You can now run each cell in the notebook by clicking the play button or pressing Shift + Enter.

That's it! You should now be able to view and run the notebook either in VSCode or in Jupyter.

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