



Jupyter Notebook Setup

Setting up Jupyter Notebook in VS Code

1. Install VS Code

If you haven't already, download and install Visual Studio Code from the official website.

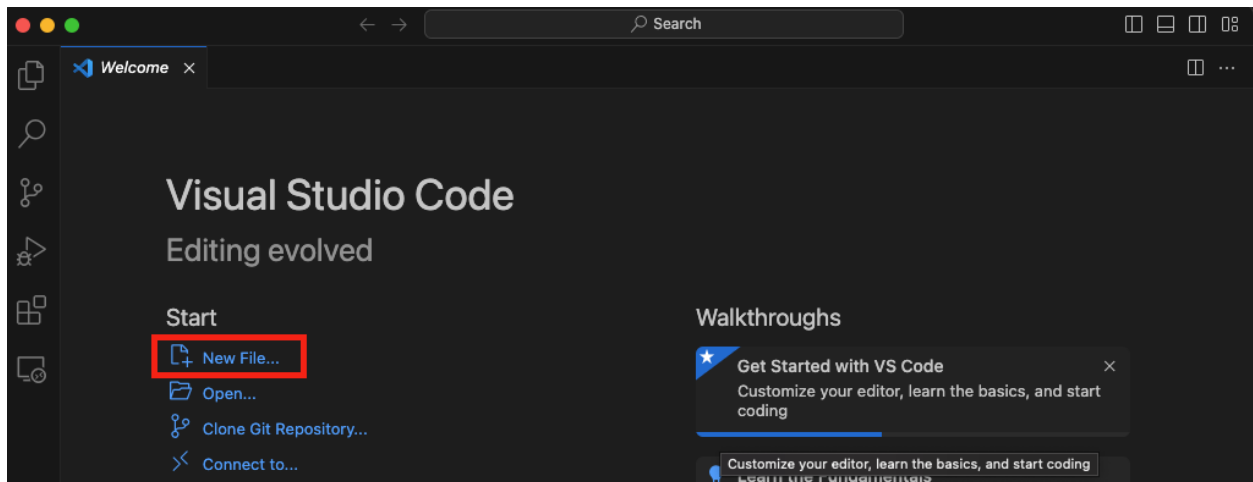
2. Setting up your environment

To work with Python in Jupyter Notebooks, you must activate an Anaconda environment in VS Code, or another Python environment in which you've installed the Jupyter package. To select an environment, use the **Python: Select Interpreter** command from the Command Palette (⇧⌘P).

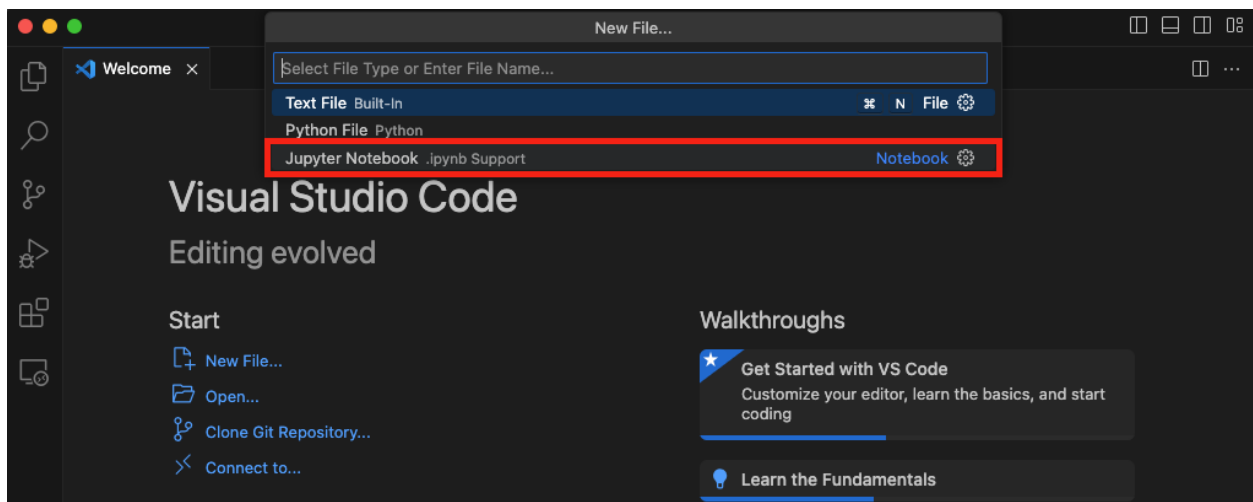
Once the appropriate environment is activated, you can create and open a Jupyter Notebook, connect to a remote Jupyter server for running code cells, and export a Jupyter Notebook as a Python file.

3. Create or Open a Jupyter Notebook

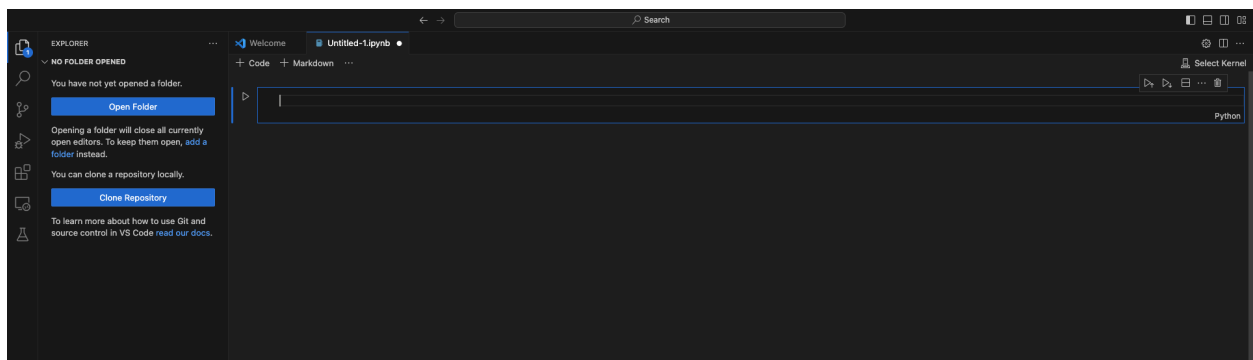
- If you have an existing Jupyter Notebook, you can open it by right-clicking on the file and opening with VS Code, or through the VS Code File Explorer.
- Select New File from VS Code



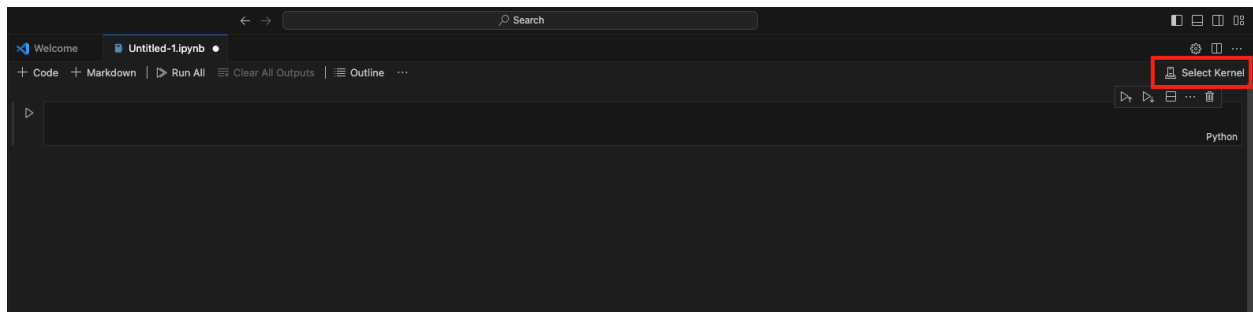
Select Jupyter Notebook from the listed options



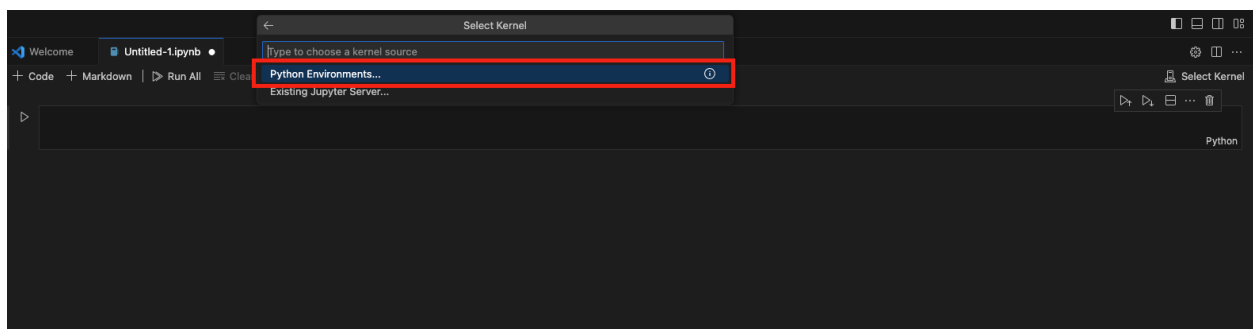
You should see a new Jupyter Notebook created.



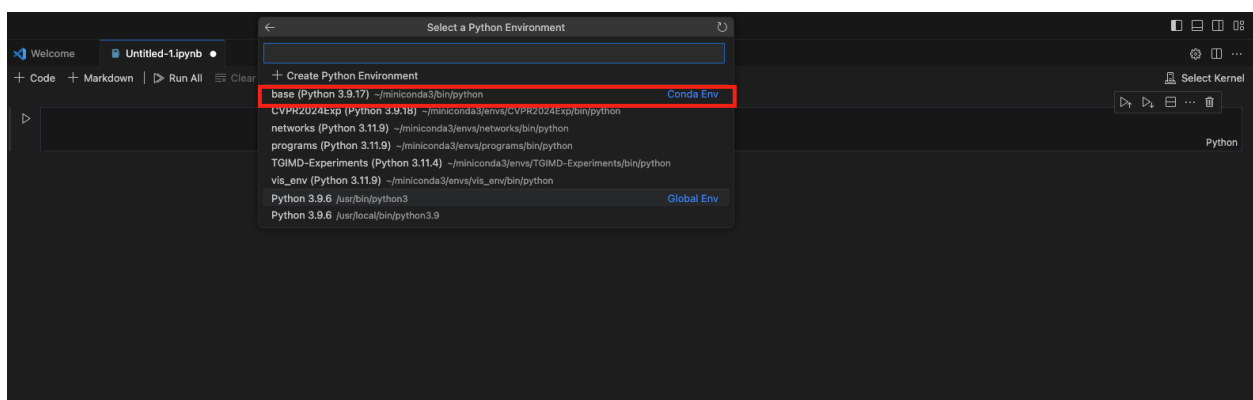
Next, select a kernel using the kernel picker in the top right.



Select Python Environments.

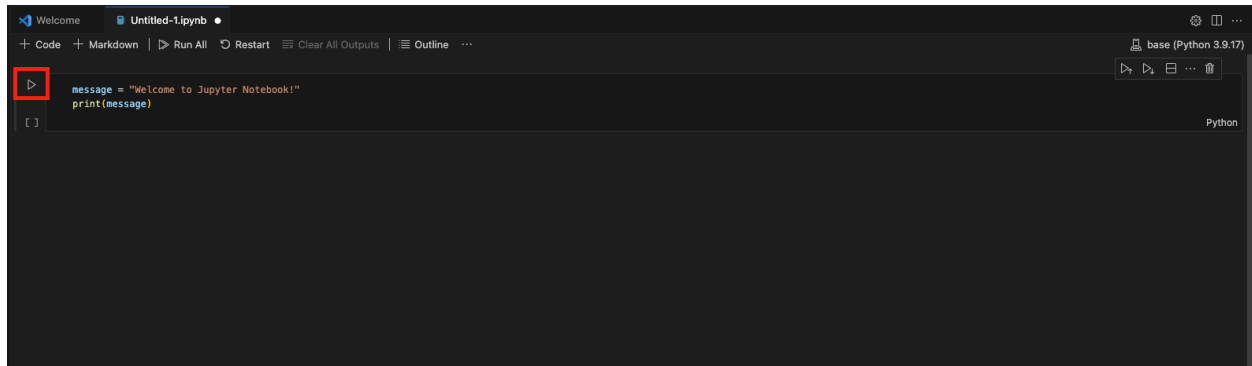


Select Base Python (your version)



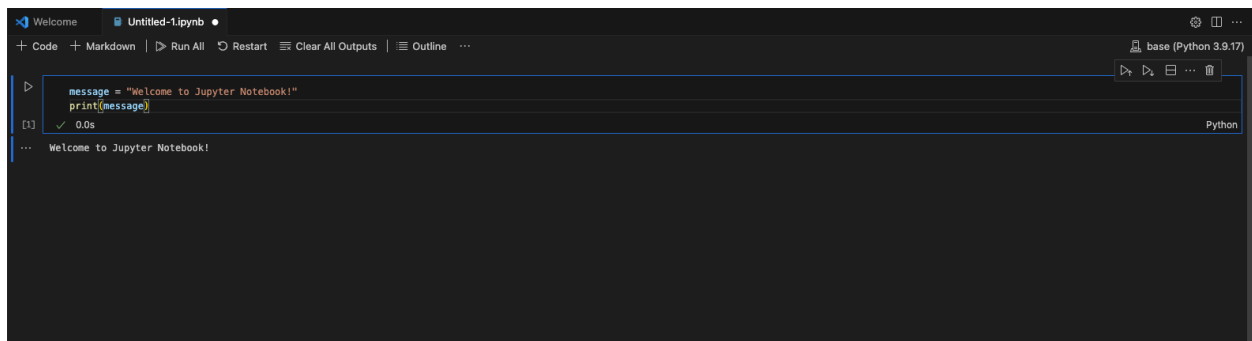
4. Running Cells

Once your kernel is selected you should be able to run your code now! Type in the following two lines as shown below and select the run button on the top left corner.

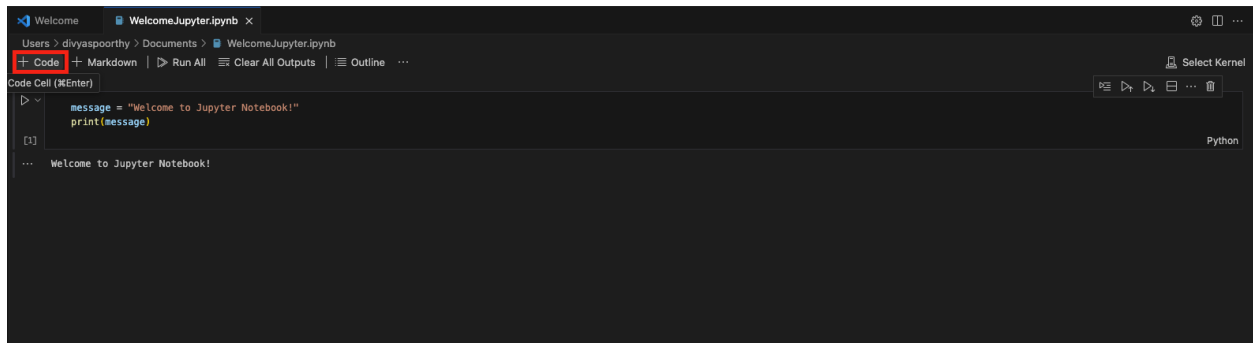


To run a selected code cell, you can also use keyboard shortcuts in both command and edit mode. Ctrl+Enter runs the currently selected cell. Shift+Enter runs the currently selected cell and inserts a new cell immediately below (focus moves to new cell). Alt+Enter runs the currently selected cell and inserts a new cell immediately below (focus remains on current cell)

After running the cell you should be able to see that your message is printed!

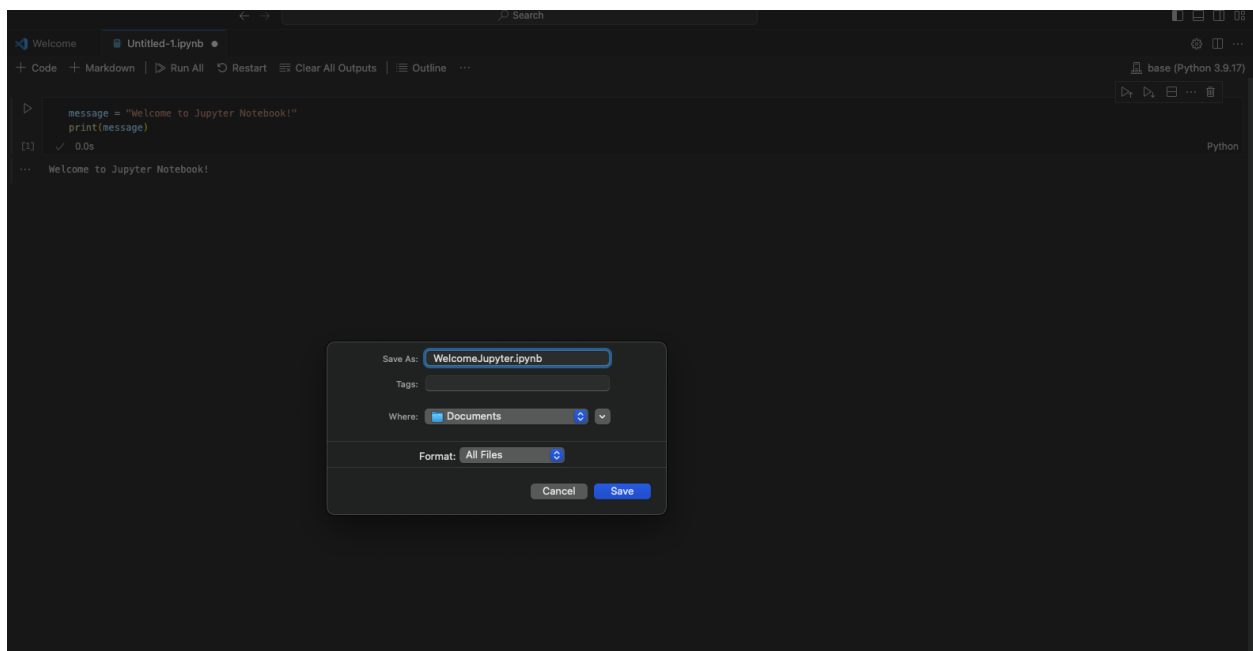


In-order to create a new cell you can click on the code button on the top



4. Save your file

In order to save your file you have to press cmd + S. Then you will select the folder location you would like to save your jupyter notebook in.



Click on save and your file is saved in your desired folder!

Sources: https://code.visualstudio.com/docs/datascience/jupyter-notebooks#_running-cells

