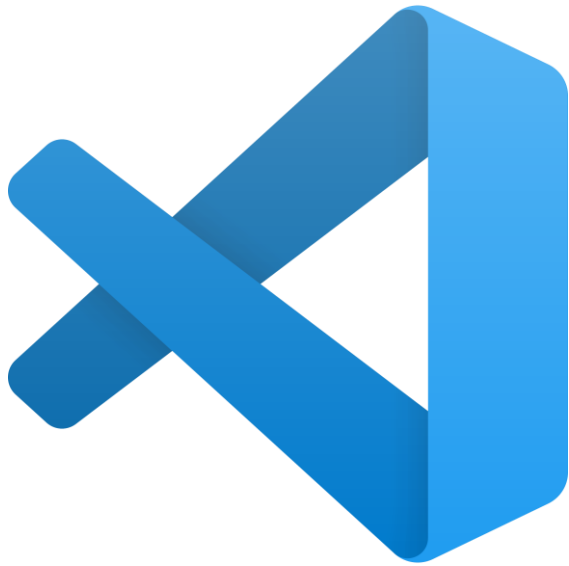


How to Run Jupyter Notebooks in VS Code?



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Prerequisites: Visual Studio Code and Python 3.10

1. Install Visual Studio Code if necessary.

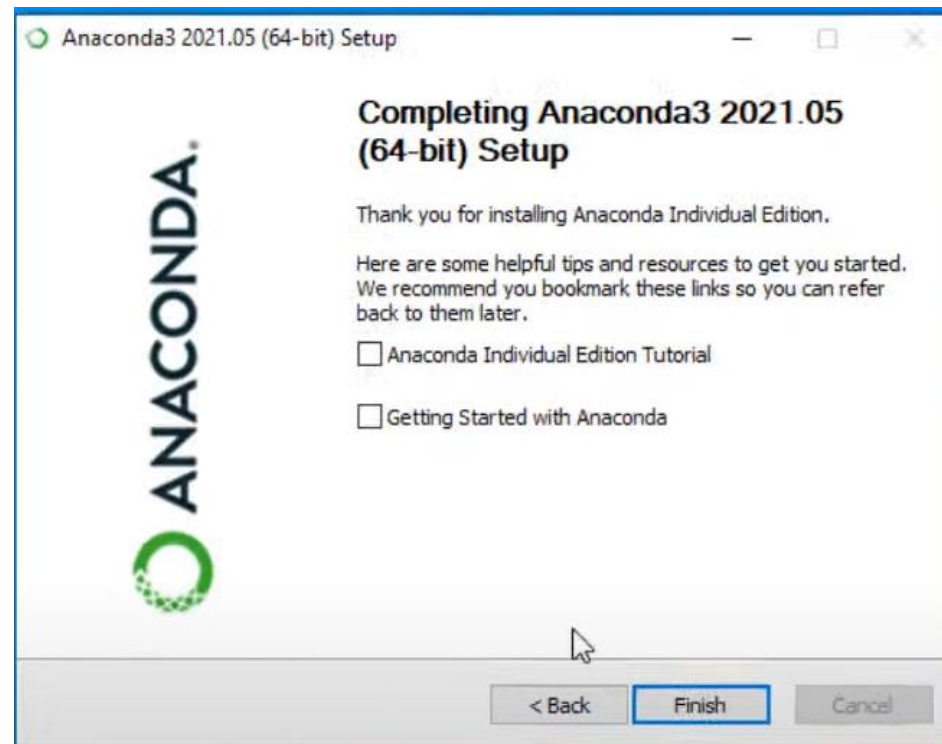
<https://apps.microsoft.com/store/detail/visual-studio-code/XP9KHM4BK9FZ7Q>

2. Install Python 3.10 if necessary.

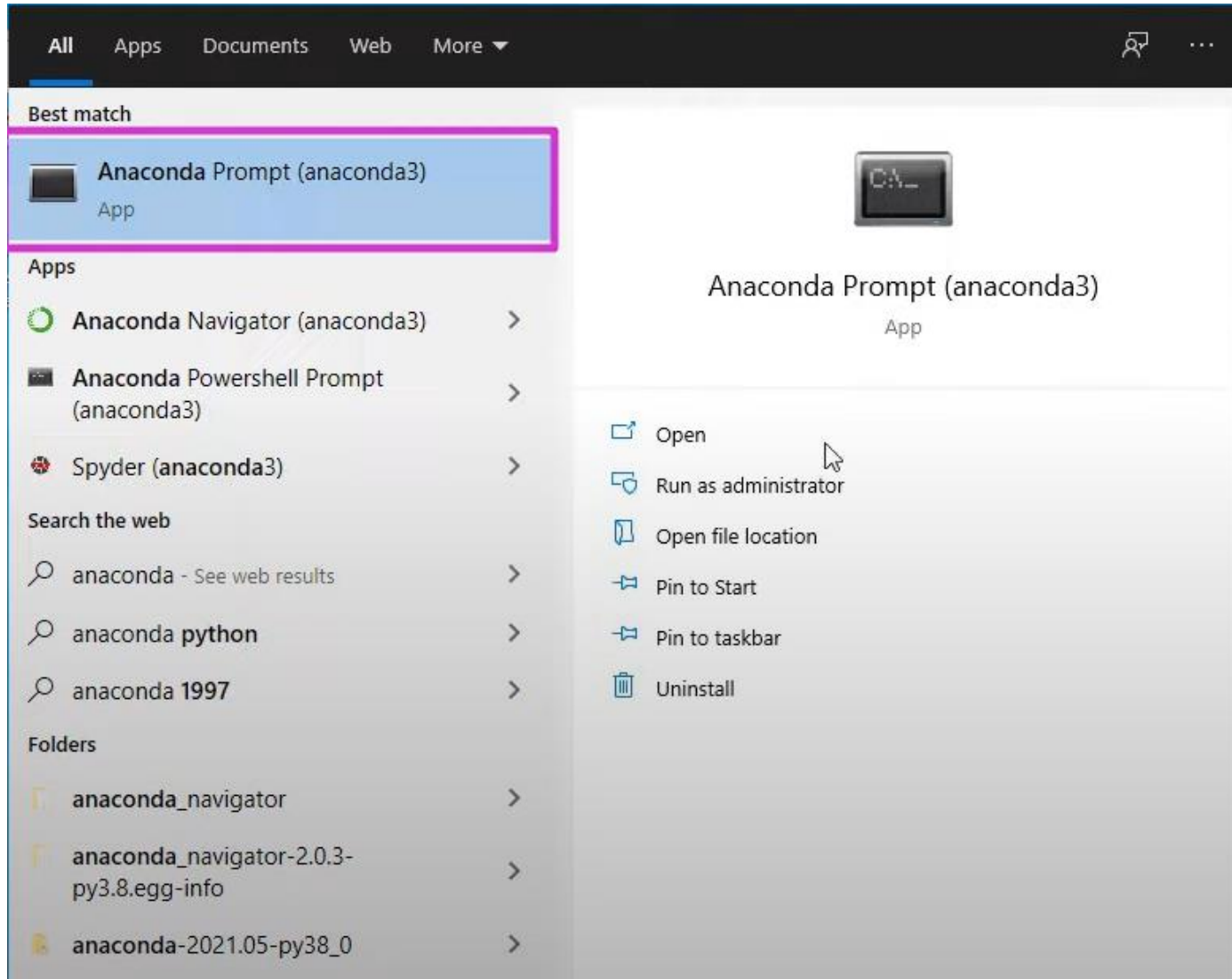
<https://apps.microsoft.com/store/detail/python-310/9PJPW5LDXLZ5>

Install Anaconda, a Data Science Platform and iPython

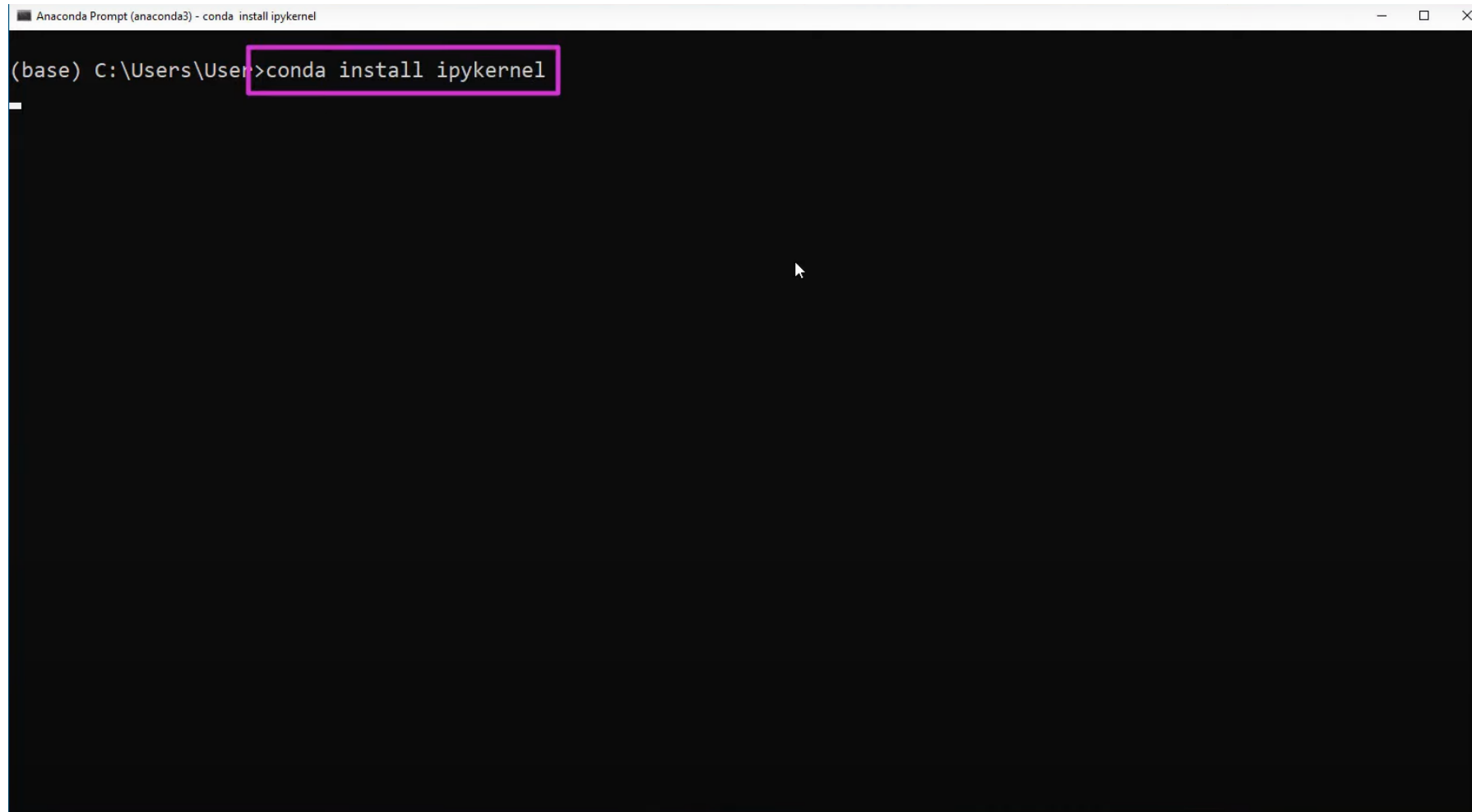
1. Download Anaconda using - <https://www.anaconda.com/>
2. Install Anaconda with all the default settings.
3. Deselect both the options in the last option and press Finish.



4. Select for the Anaconda Prompt in the Star menu.



5. Open that Window and type “conda install ipykernel”

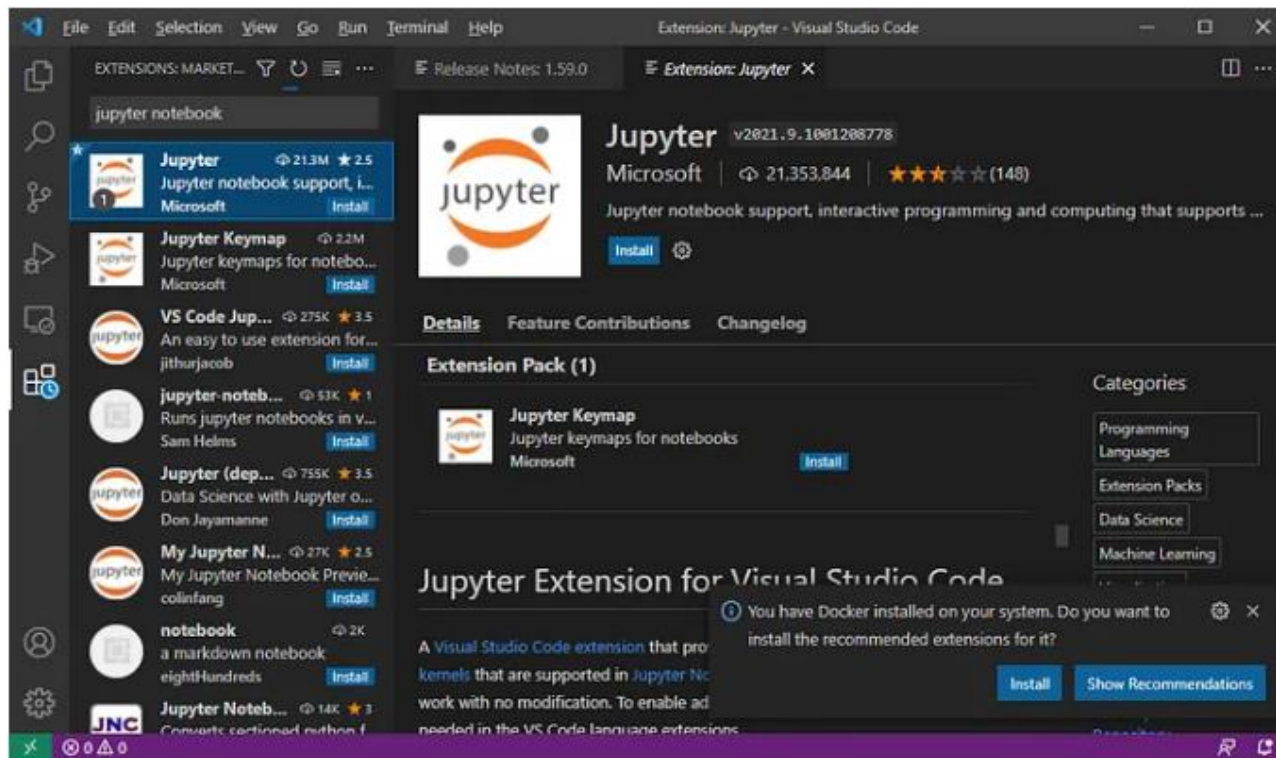
A screenshot of an Anaconda Prompt window. The title bar at the top reads "Anaconda Prompt (anaconda3) - conda install ipykernel". The main area is a black terminal with white text. The prompt "(base) C:\Users\User>" is visible, followed by the command "conda install ipykernel" which is highlighted with a pink rectangular box. A white mouse cursor is positioned just below the command line.

```
Anaconda Prompt (anaconda3) - conda install ipykernel
(base) C:\Users\User>conda install ipykernel
```

Select “Yes” if they ask in the middle of the installation.

6. Open the Vscode, Check whether you have installed “Python” extension in the extensions section. If not, install Python

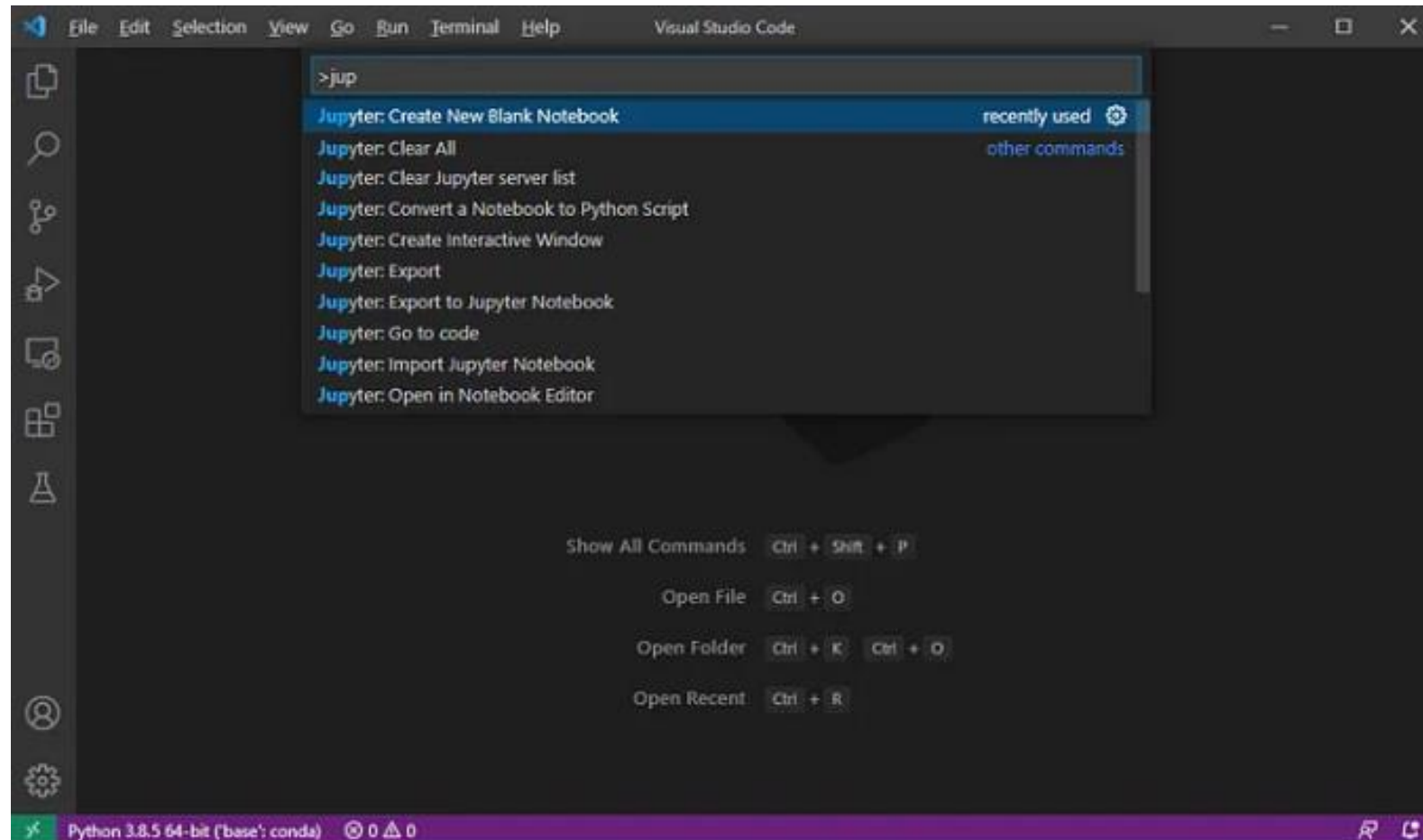
7. Install Jupyter Extension in Vscode



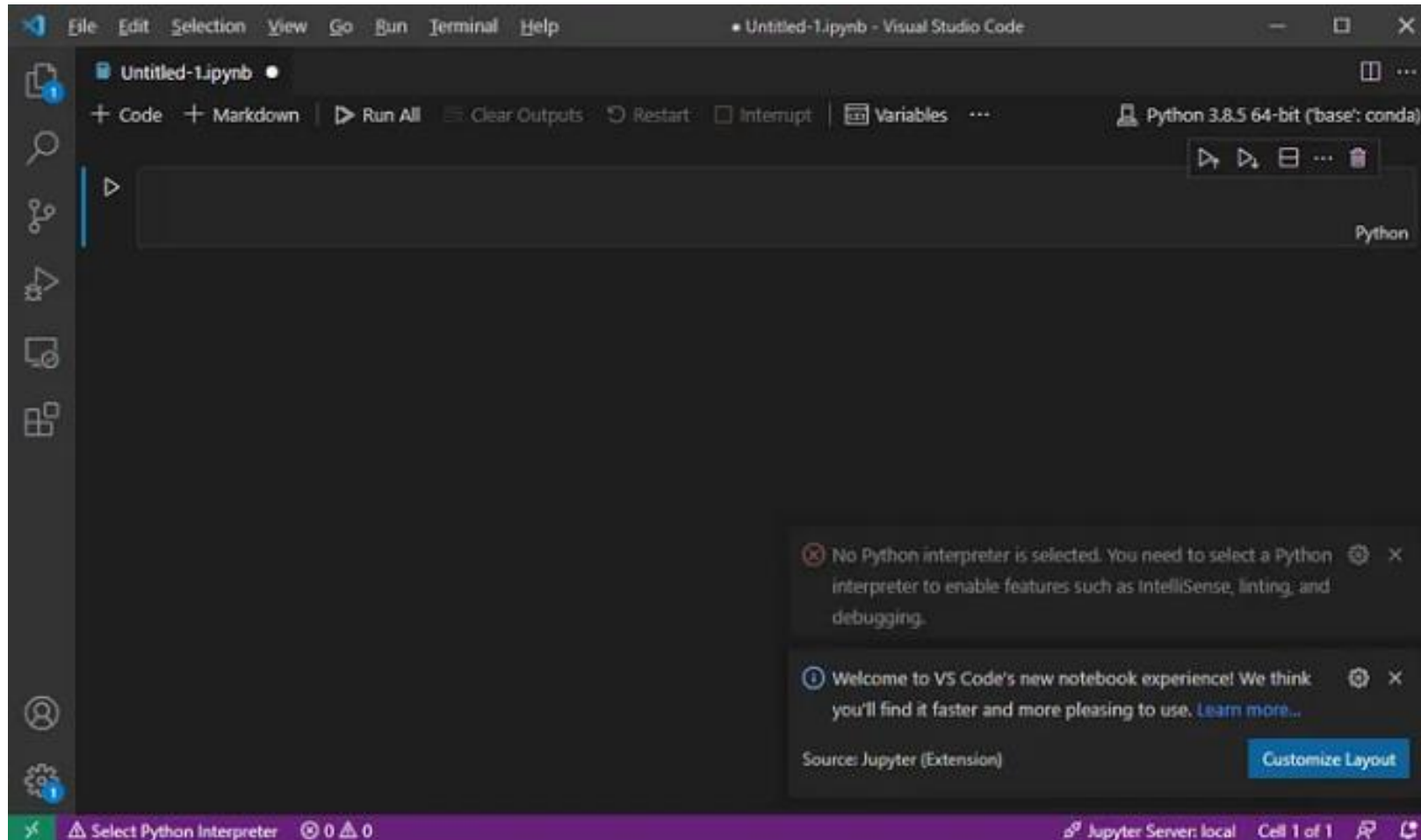
That's it! Once the installation is done, you already have Jupyter Notebook on your VS Code.

8. Creating a New Jupyter Notebook File

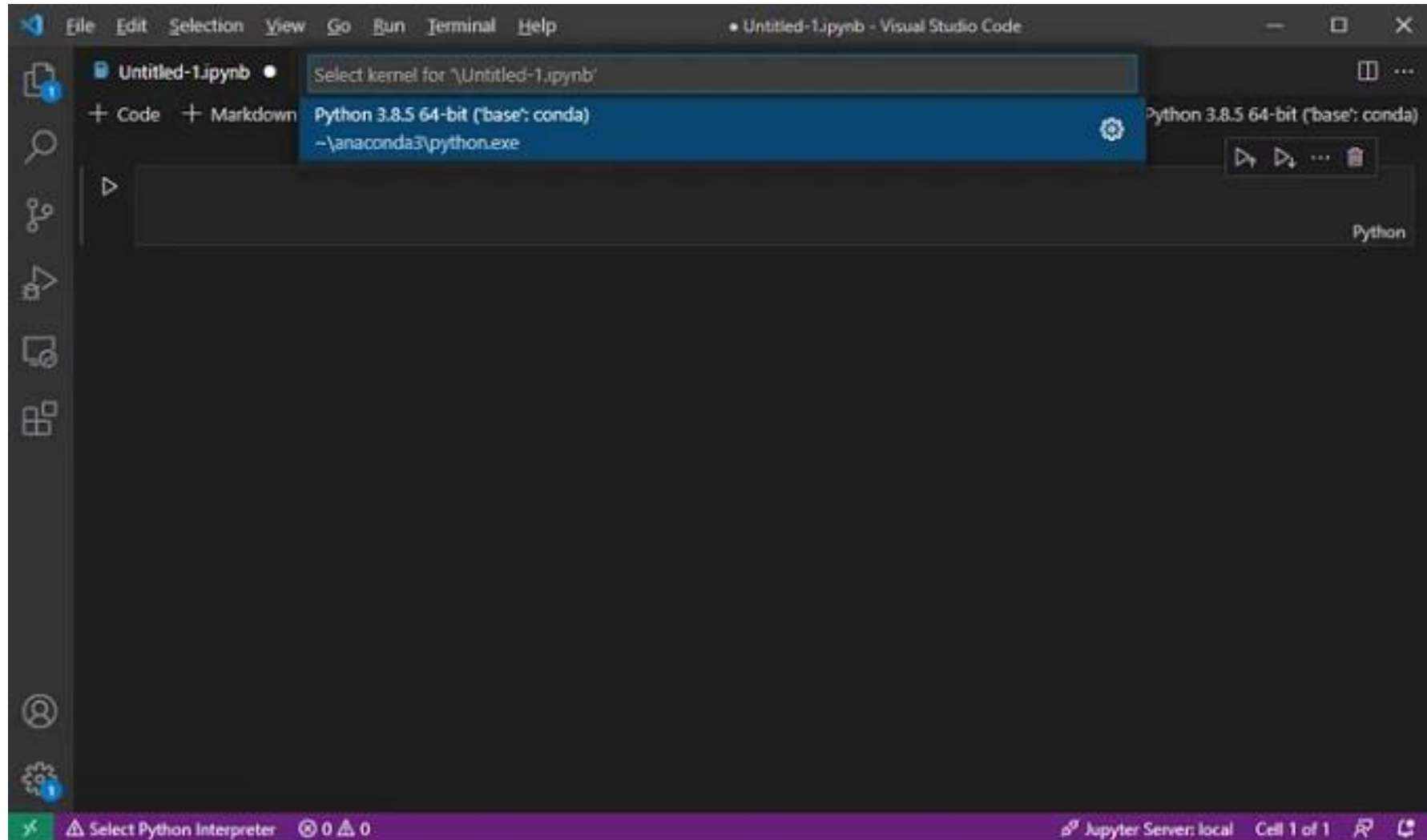
Press **Ctrl-Shift-P** (**Shift-Cmd-P** for macOS) to invoke the **Command Palette**. Type “*Jup*” and you will see a list of options. Select “*Jupyter Notebook: Create New Blank Notebook*”



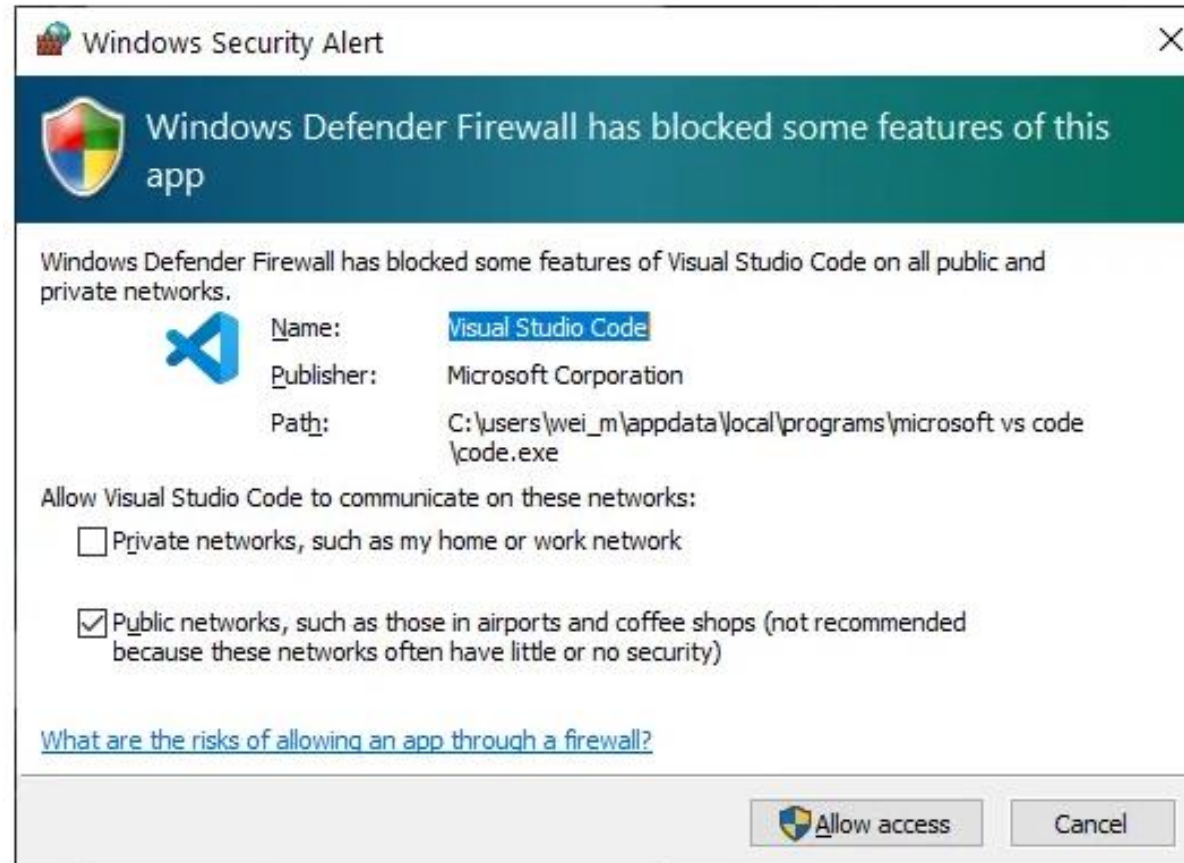
9. A new blank Jupyter Notebook will be created:



10. Selecting a Kernel



Allow access here



11. Running you Python Code (Ctrl-Enter to run current cell or press Shift-Enter to run the current cell and move to the next cell)

