

# Getting setup with - Visual Studio Code

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# Why are we getting setup with Visual Studio Code?

**We will be using Visual Studio Code in “Applied Skills modules”. Hence, to understand these modules better, we should be familiar with Visual Studio Code interface and its basic functionalities.**

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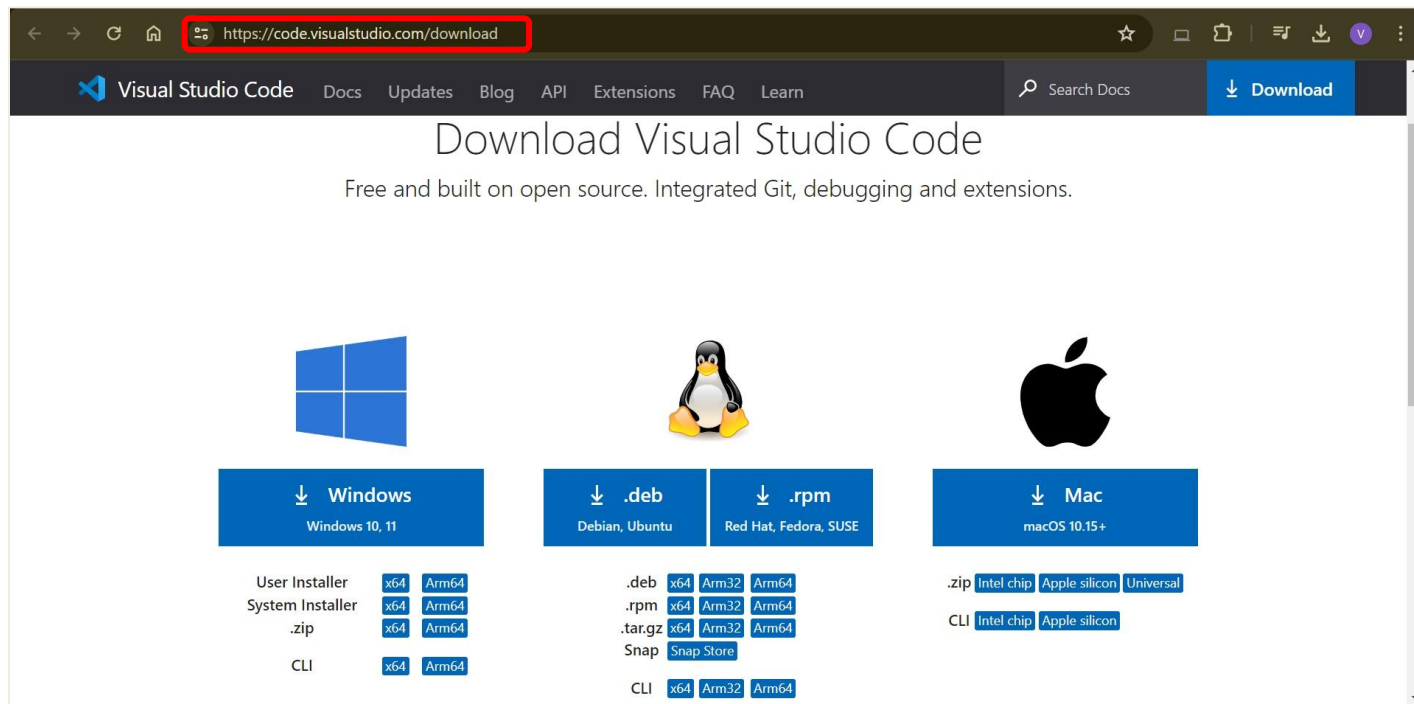
**Just follow the next 11 steps for getting setup with Visual Studio Code. Let's start the journey Step by Step.**

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**Step 1. Click on the Visual Studio Code download [link](https://code.visualstudio.com/download).** This will land up on the following page :




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**Step 2.** Choose from the below available options appropriately for your computer's platform (**Windows, macOS or Linux**) by clicking on the download button. Here, we will be moving ahead by downloading **Visual Studio Code for [Windows](#)**.



↓ **Windows**

Windows 10, 11

User Installer	<a href="#">x64</a>	<a href="#">Arm64</a>
System Installer	<a href="#">x64</a>	<a href="#">Arm64</a>
.zip	<a href="#">x64</a>	<a href="#">Arm64</a>
CLI	<a href="#">x64</a>	<a href="#">Arm64</a>




↓ **.deb**

Debian, Ubuntu

↓ **.rpm**

Red Hat, Fedora, SUSE

.deb	<a href="#">x64</a>	<a href="#">Arm32</a>	<a href="#">Arm64</a>
.rpm	<a href="#">x64</a>	<a href="#">Arm32</a>	<a href="#">Arm64</a>
.tar.gz	<a href="#">x64</a>	<a href="#">Arm32</a>	<a href="#">Arm64</a>
Snap	<a href="#">Snap Store</a>		
CLI	<a href="#">x64</a>	<a href="#">Arm32</a>	<a href="#">Arm64</a>

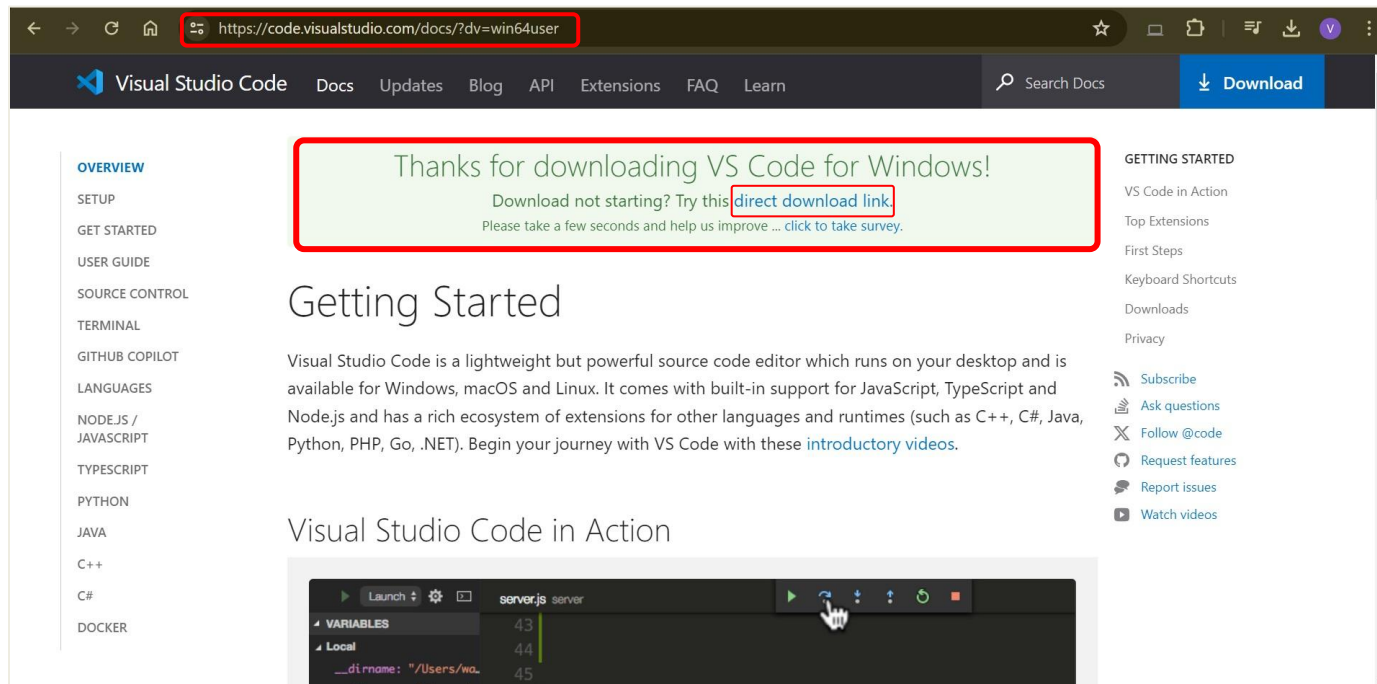


↓ **Mac**

macOS 10.15+

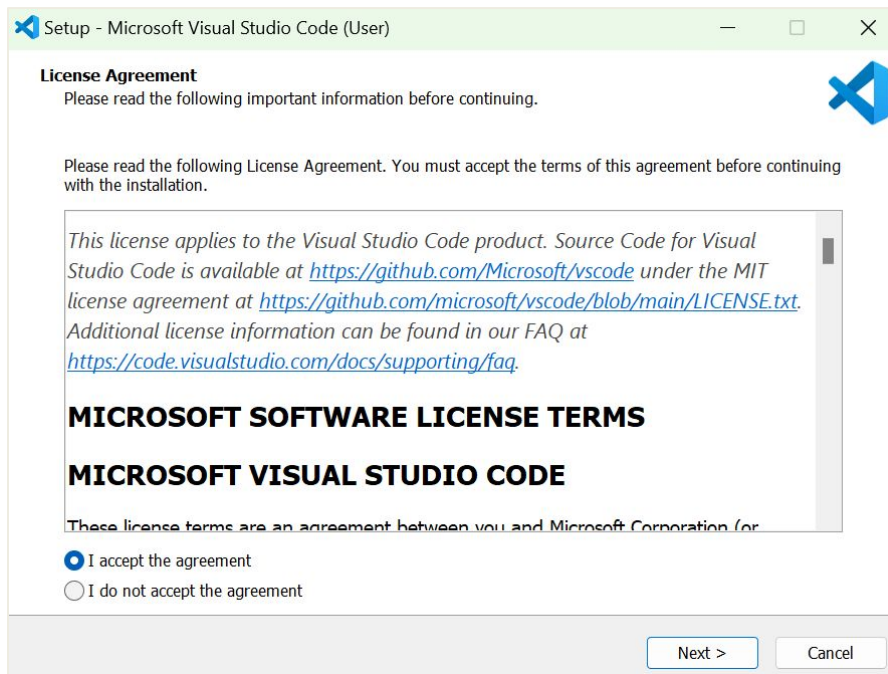
.zip	<a href="#">Intel chip</a>	<a href="#">Apple silicon</a>	<a href="#">Universal</a>
CLI	<a href="#">Intel chip</a>	<a href="#">Apple silicon</a>	

**Step 3.** You will be redirected to a page where you can see **Visual Studio Code** being downloaded to your system. If the download does not start automatically, use the direct download [link](#) provided on the page.



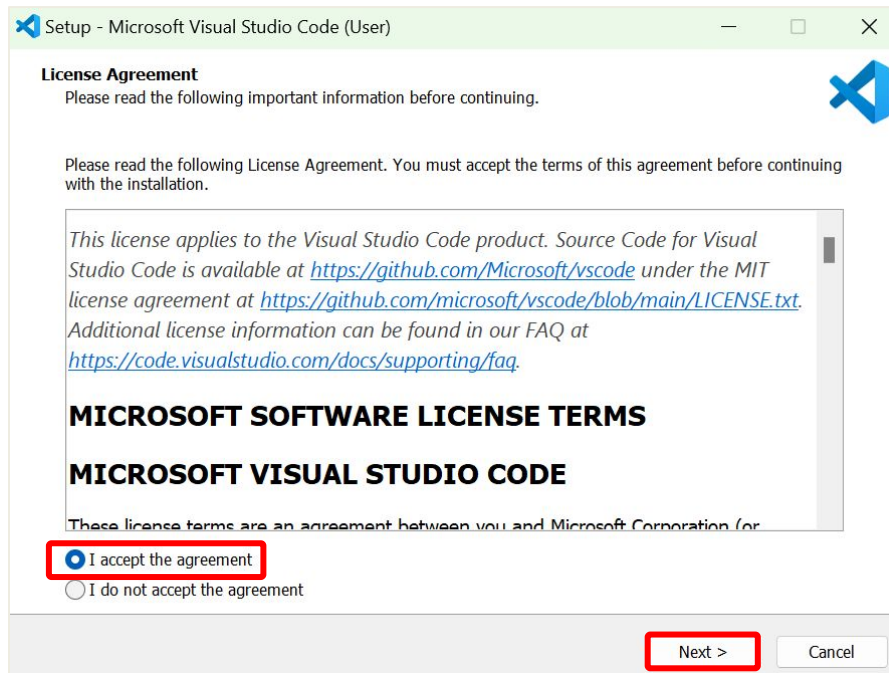
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**Step 4.** Once it is downloaded, run the installer file (**VSCodeUserSetup-{version}.exe**). This will only take a minute. You will land on the following page.



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**Step 5.** Select “I accept the agreement”. Then click on “Next” button.



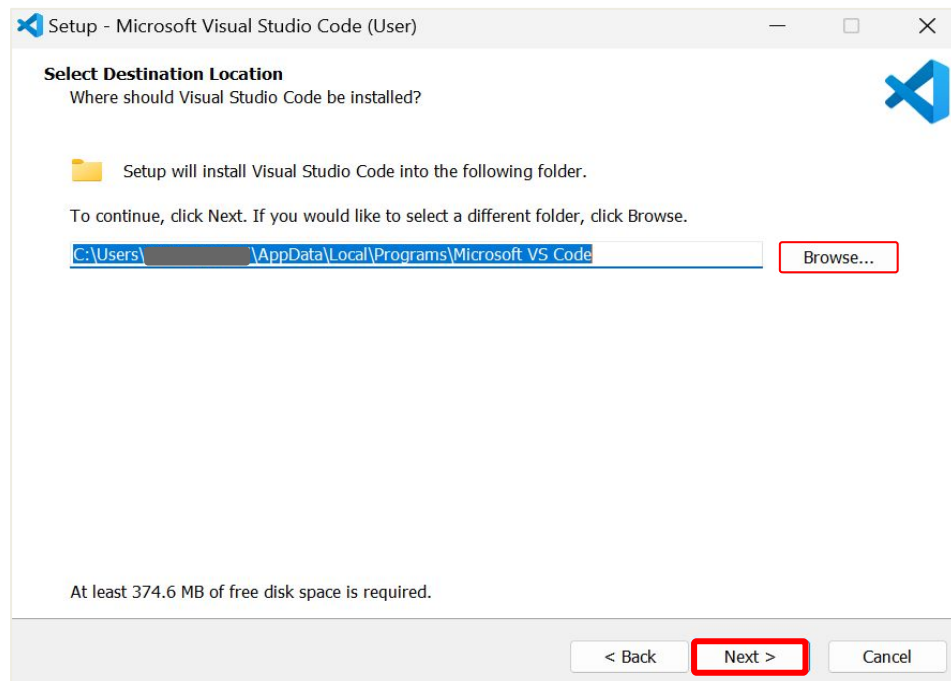
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**Step 6.** By default, VS Code is installed under “C:\Users\{Username}\AppData\Local\Programs\Microsoft VS Code”. Now, click on “Next” button. If you wish to change the installation location, you can click on the “Browse” button to do so.

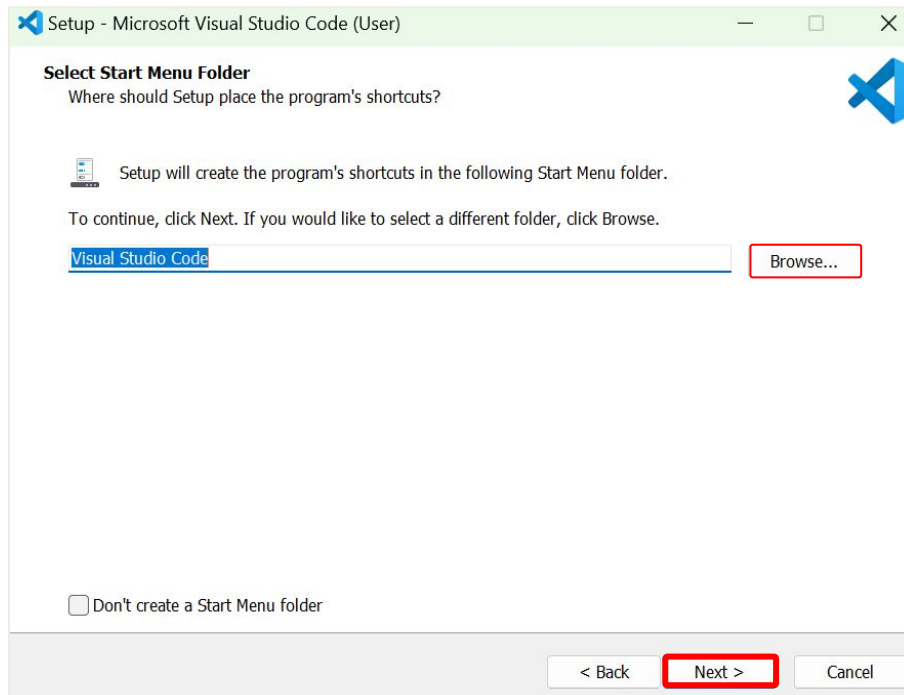


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**Step 7.** You can choose a different folder for placing the program's shortcuts by clicking on **"Browse"** button. Else Click on **"Next"** button to proceed with default settings.

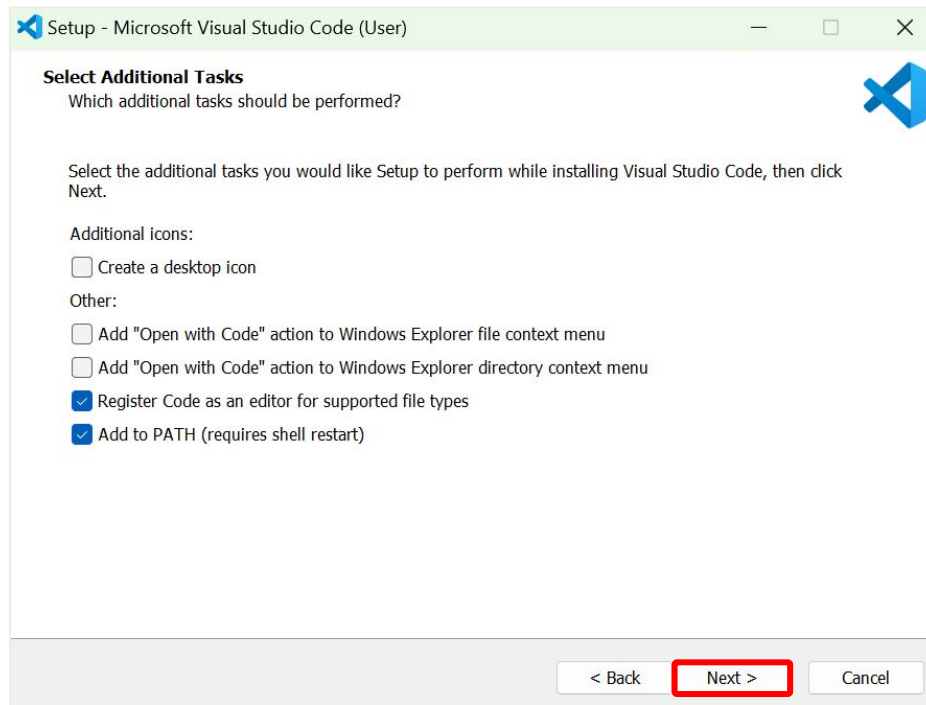


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**Step 8.** Select additional tasks if you wish. Else leave this as **default** and click on **“Next”** button.

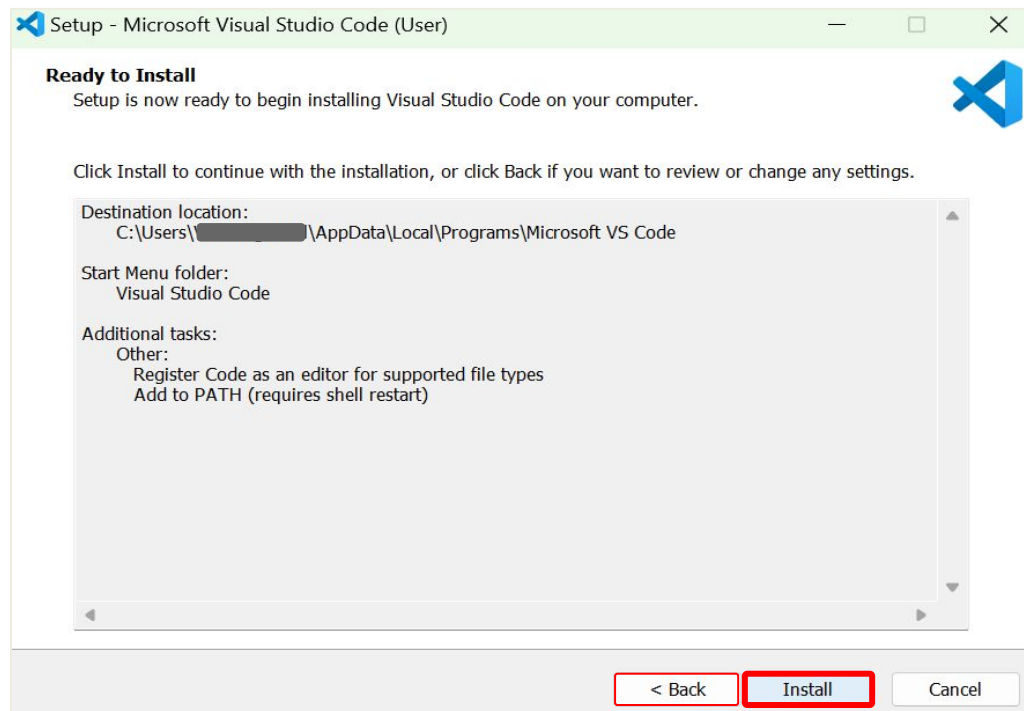


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**Step 9.** The following setup page helps you to review the settings for setup with respect to Visual Studio Code. You can click on **“Back”** button if you wish to change any settings, else click on **“Install”** button.

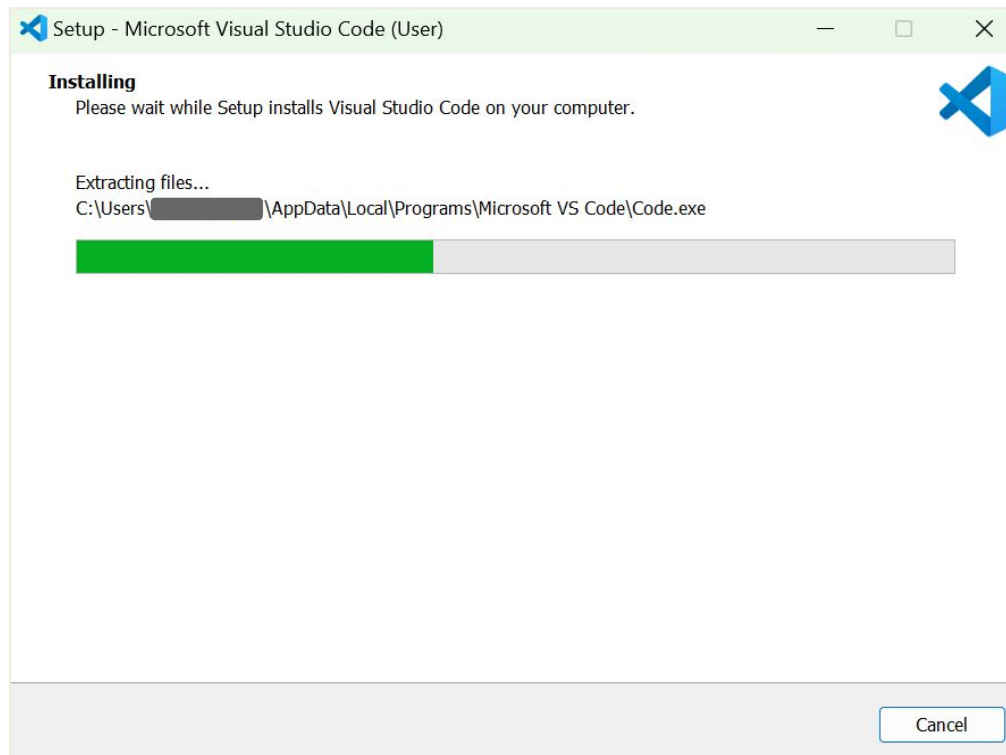


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**Step 10.** You will land on the following setup page. Wait for all the files to get extracted.

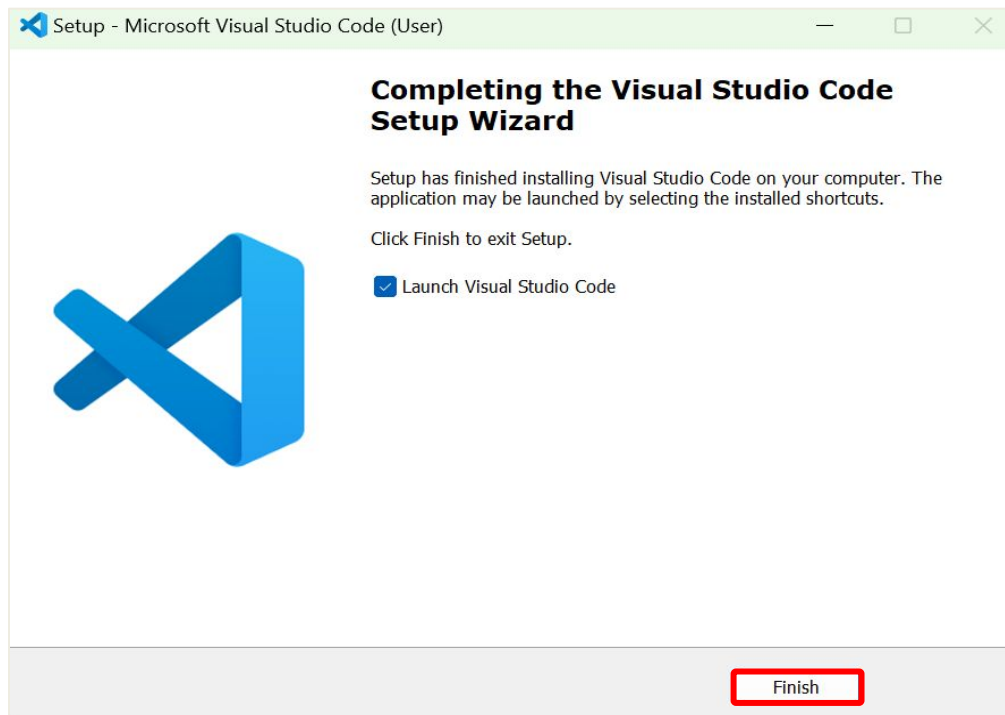


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**Step 11.** Once all the files are extracted, you will see the following page. Click on **“Finish”** button.

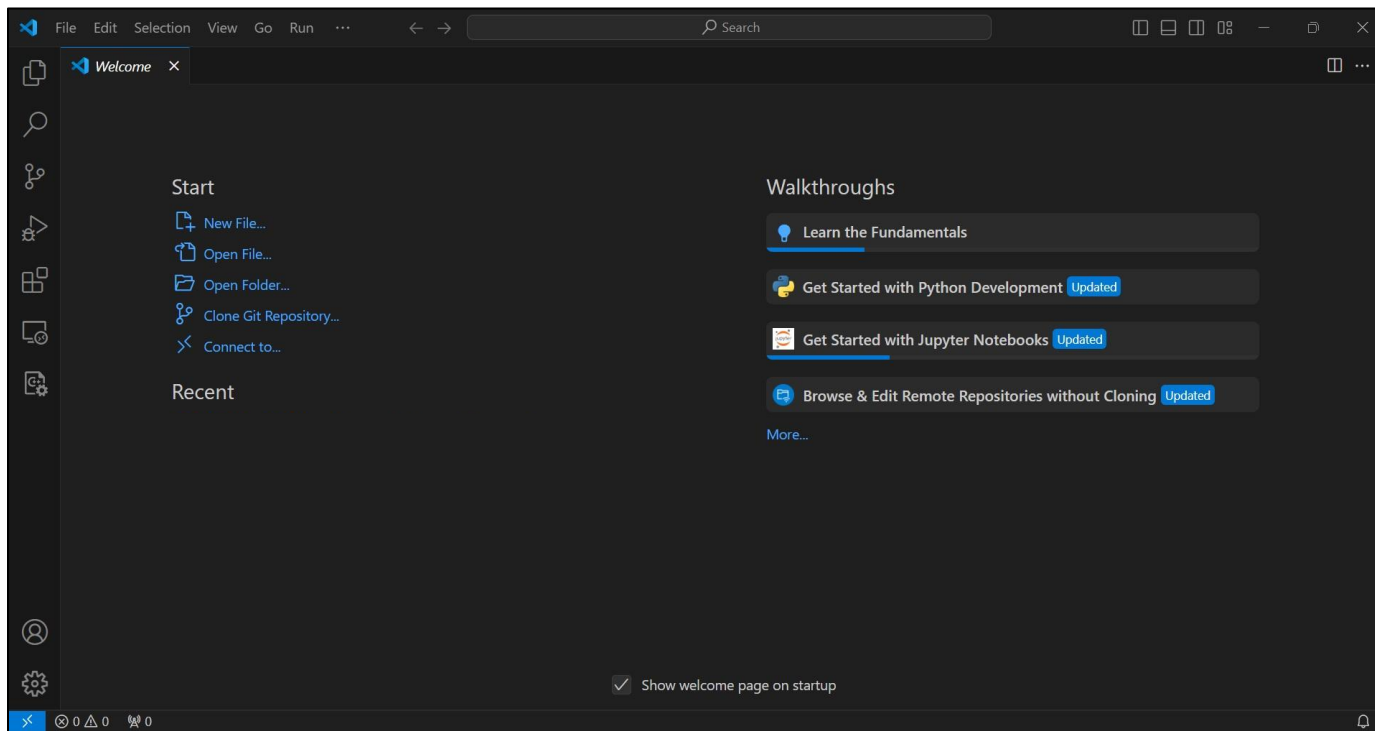


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**Here you go! You are all set for Visual Studio Code.** You will be directed to the following User Interface once you successfully install Visual Studio Code.



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**The next set of slides will guide you to run python notebooks using Visual Studio Code.**

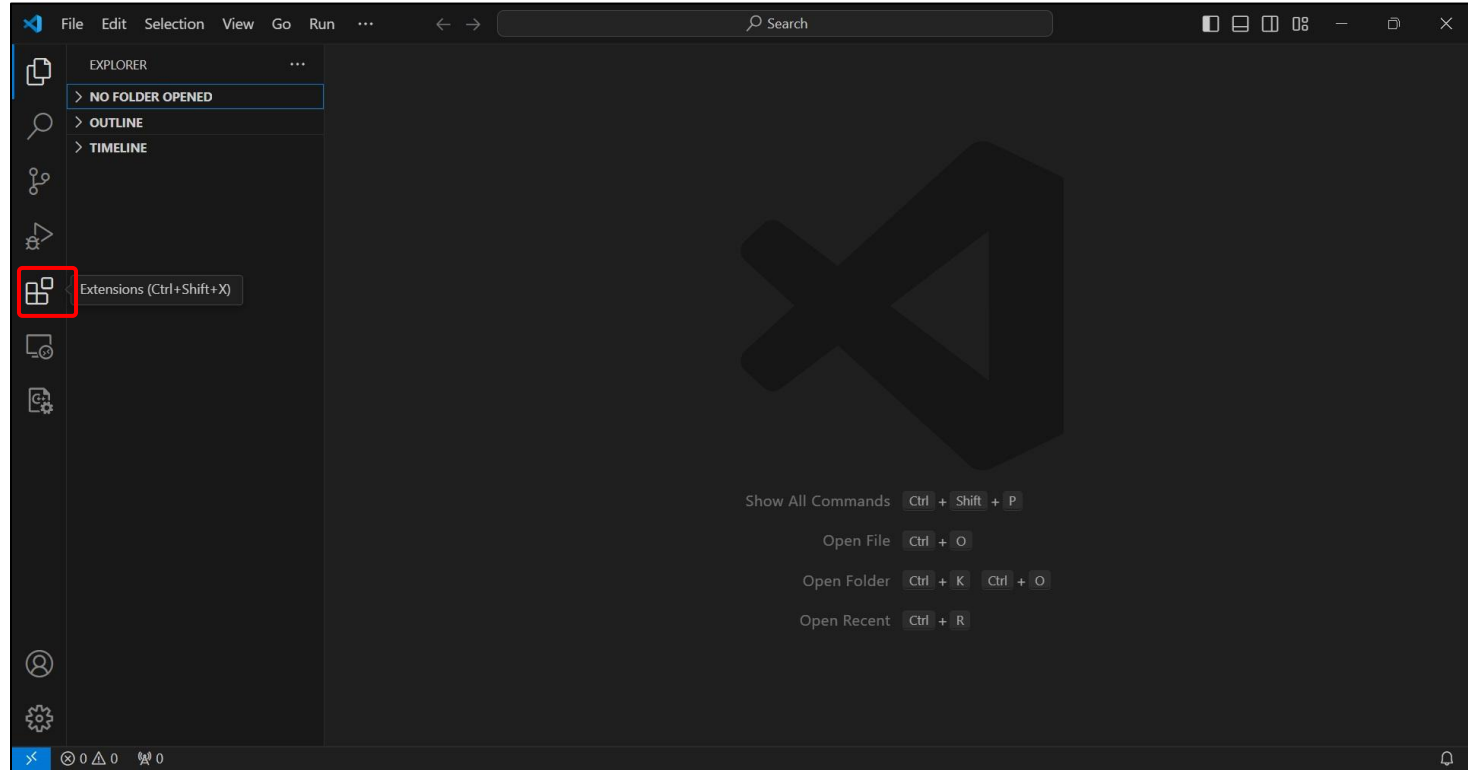
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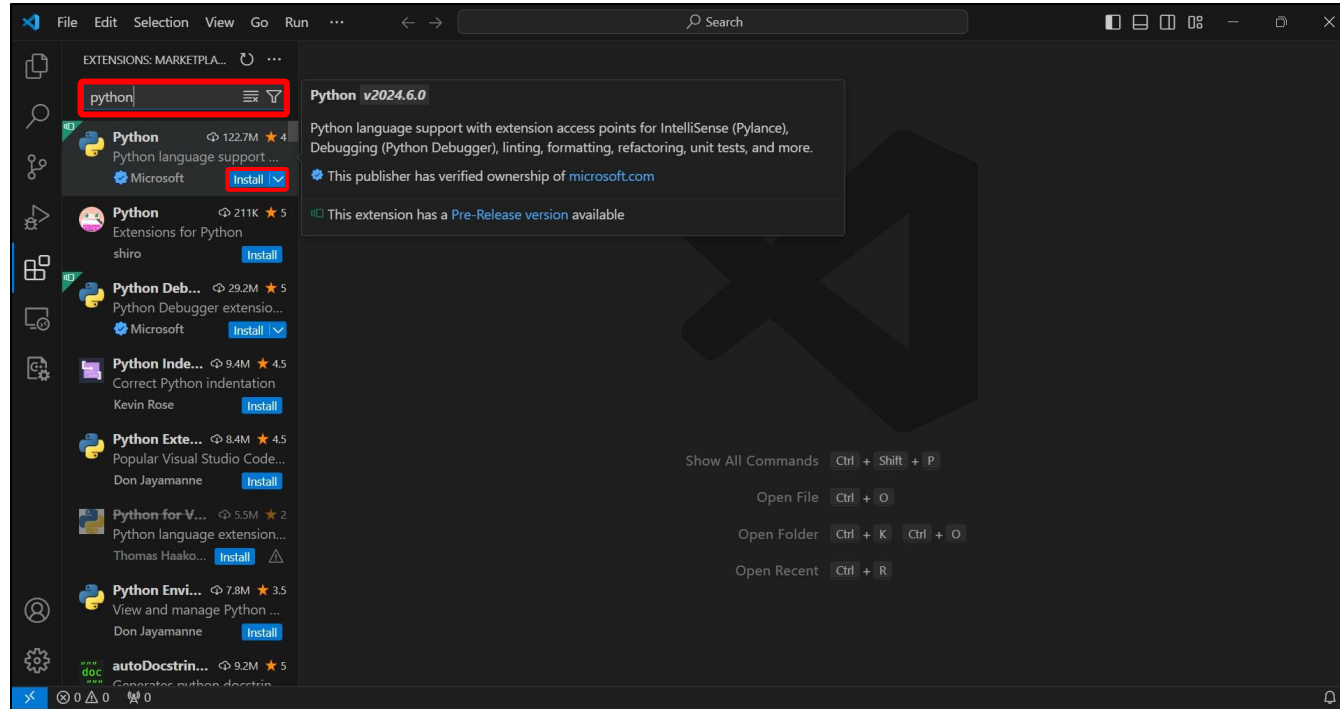


Navigate to the **Extensions icon** as shown in the following page.

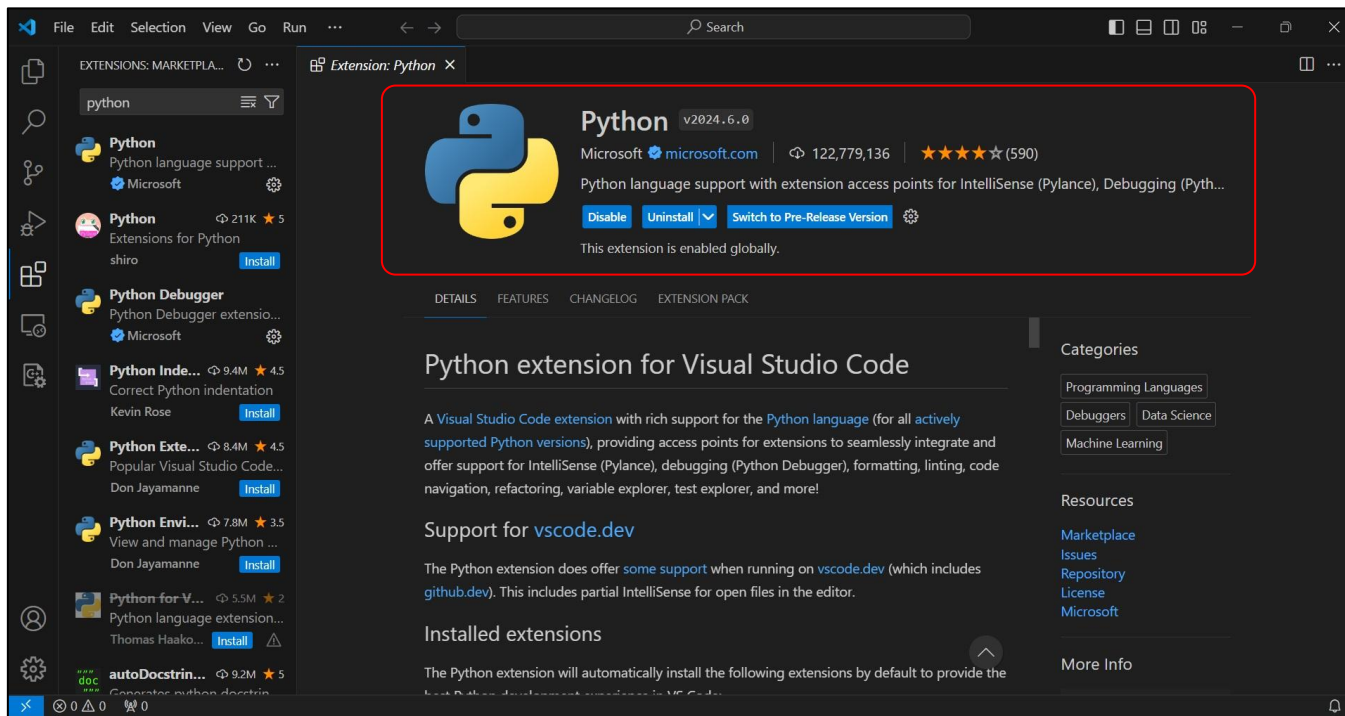


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Search for **Python** in the search bar under **Extensions** and click on “**Install**” button.

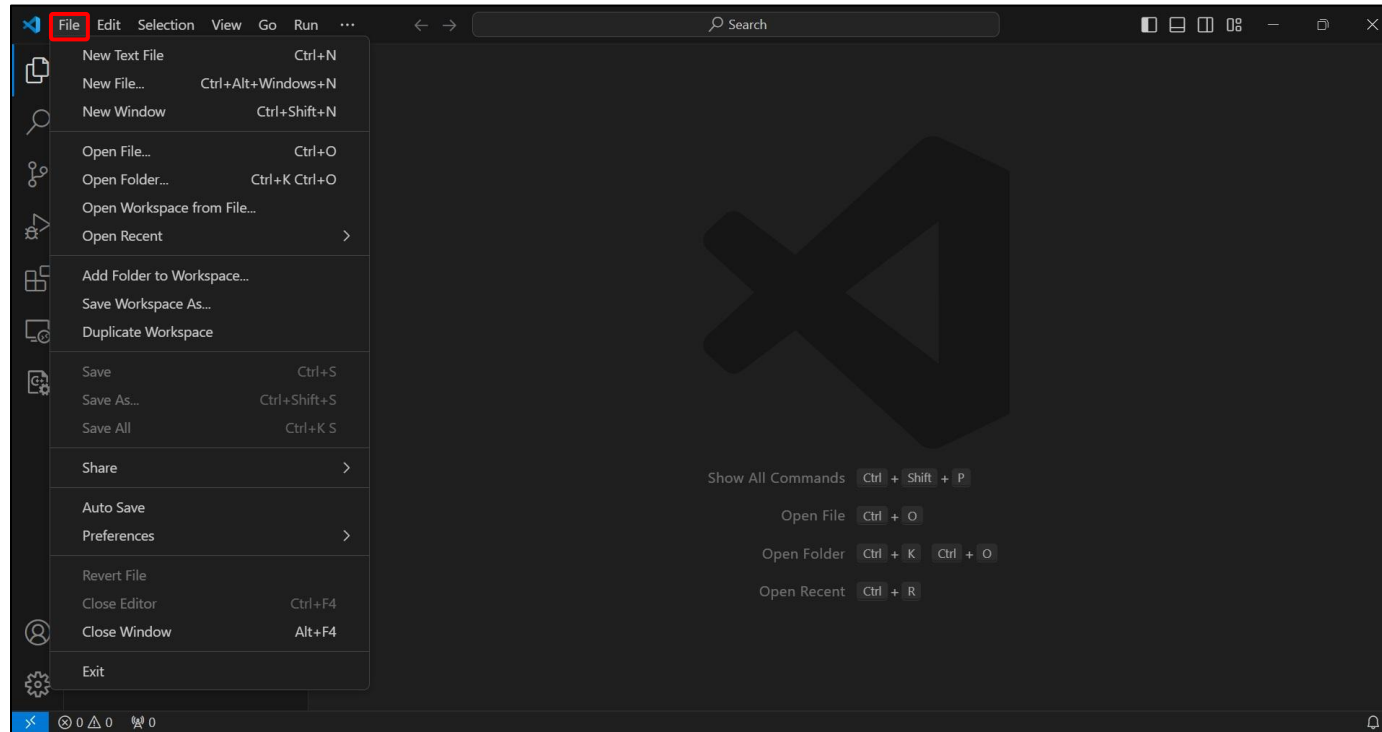


Now, you are all set to run **Python notebooks** in **Visual Studio Code**.

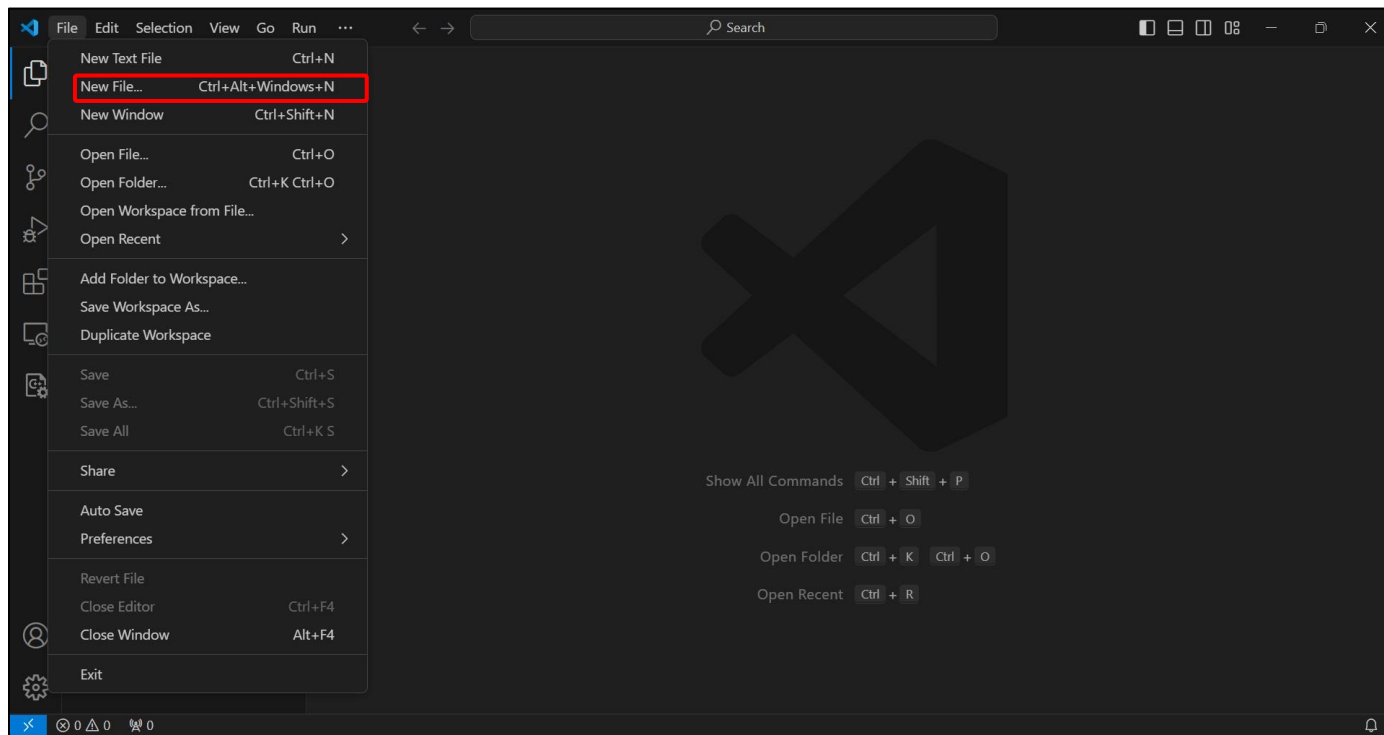


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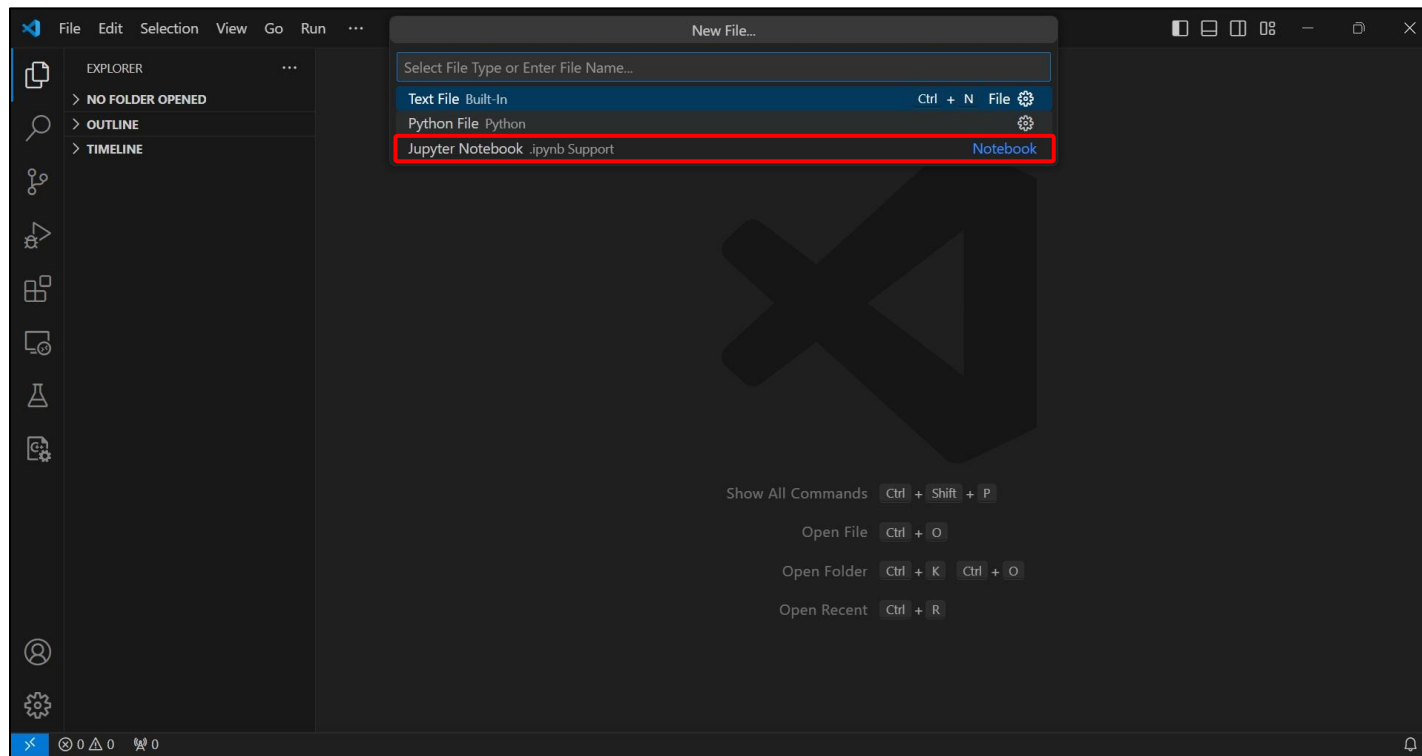
You can click on File from top left menu and explore the options.



You can create a new file such as a Python notebook as below.

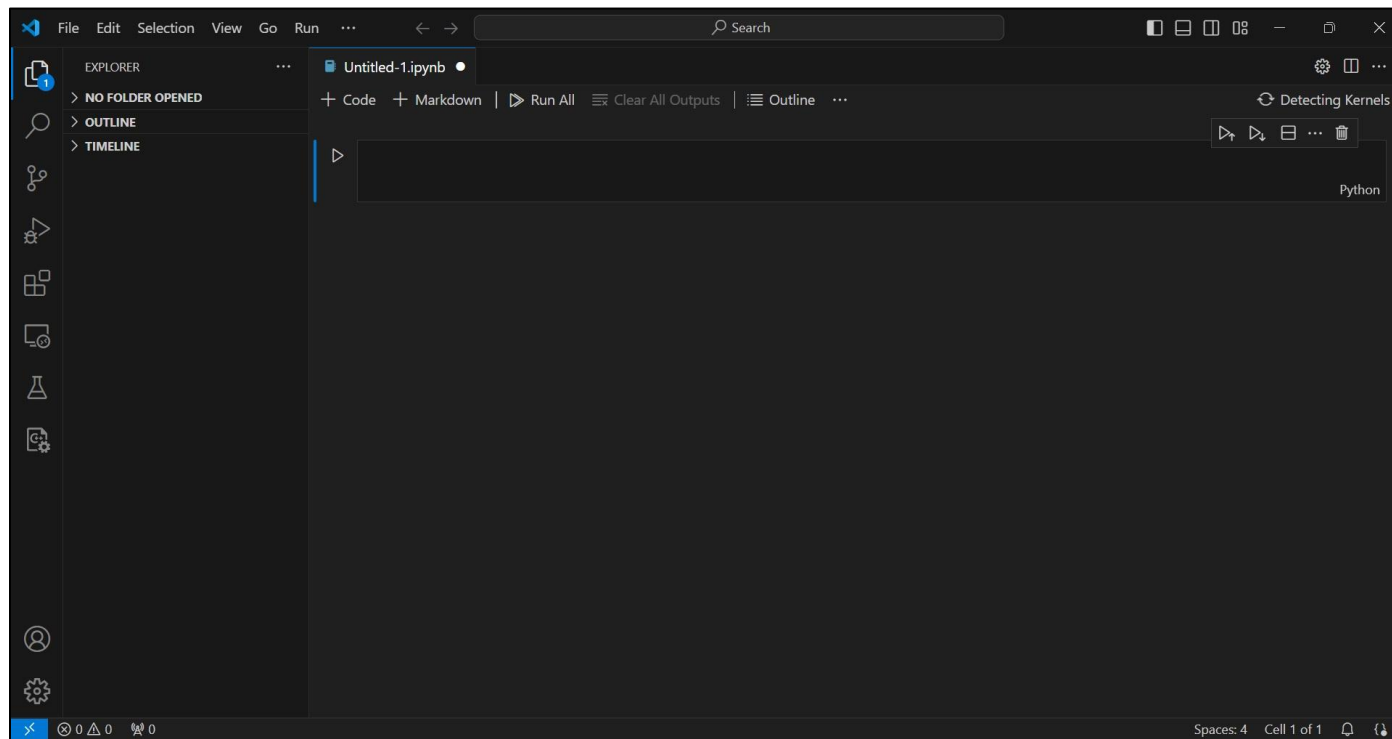


Select **Jupyter Notebook** to create a python notebook (.ipynb file).



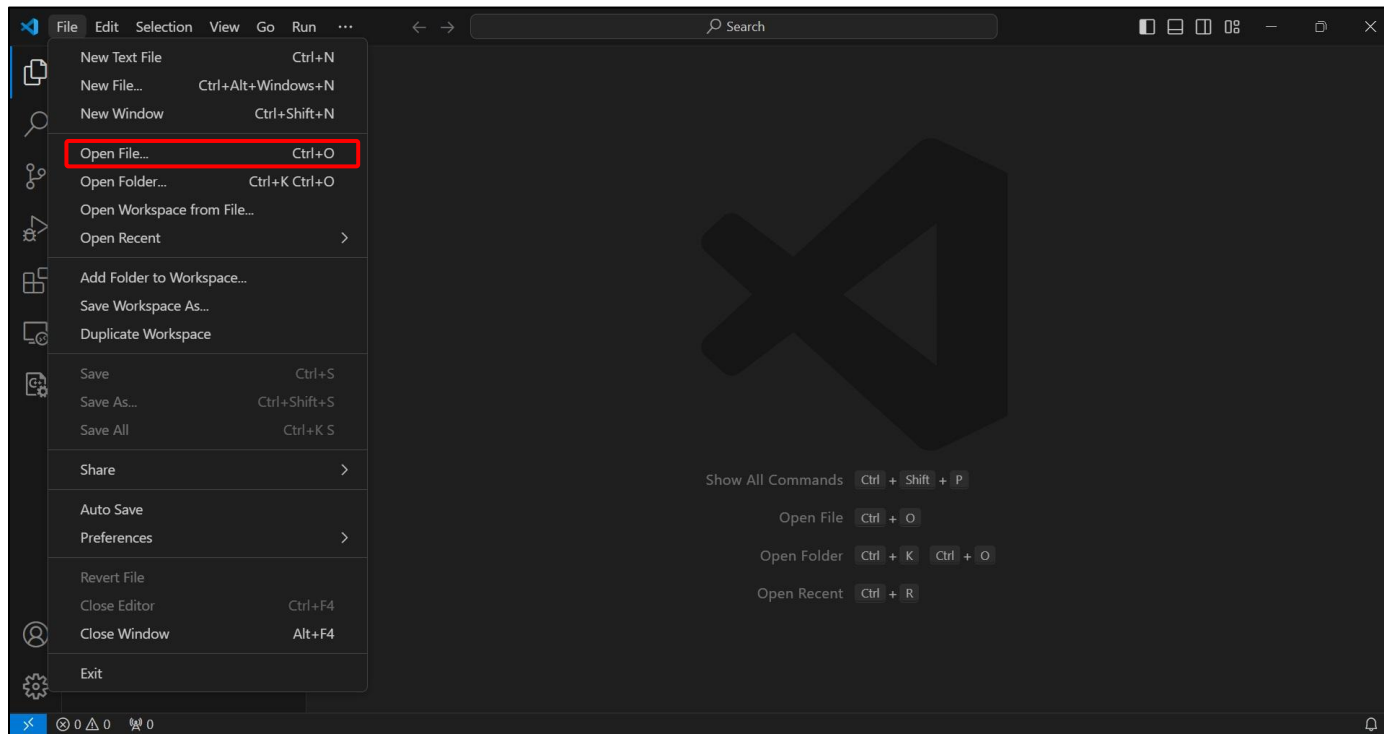
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You will be able to see a sample python notebook file **(.ipynb file)** as shown below.



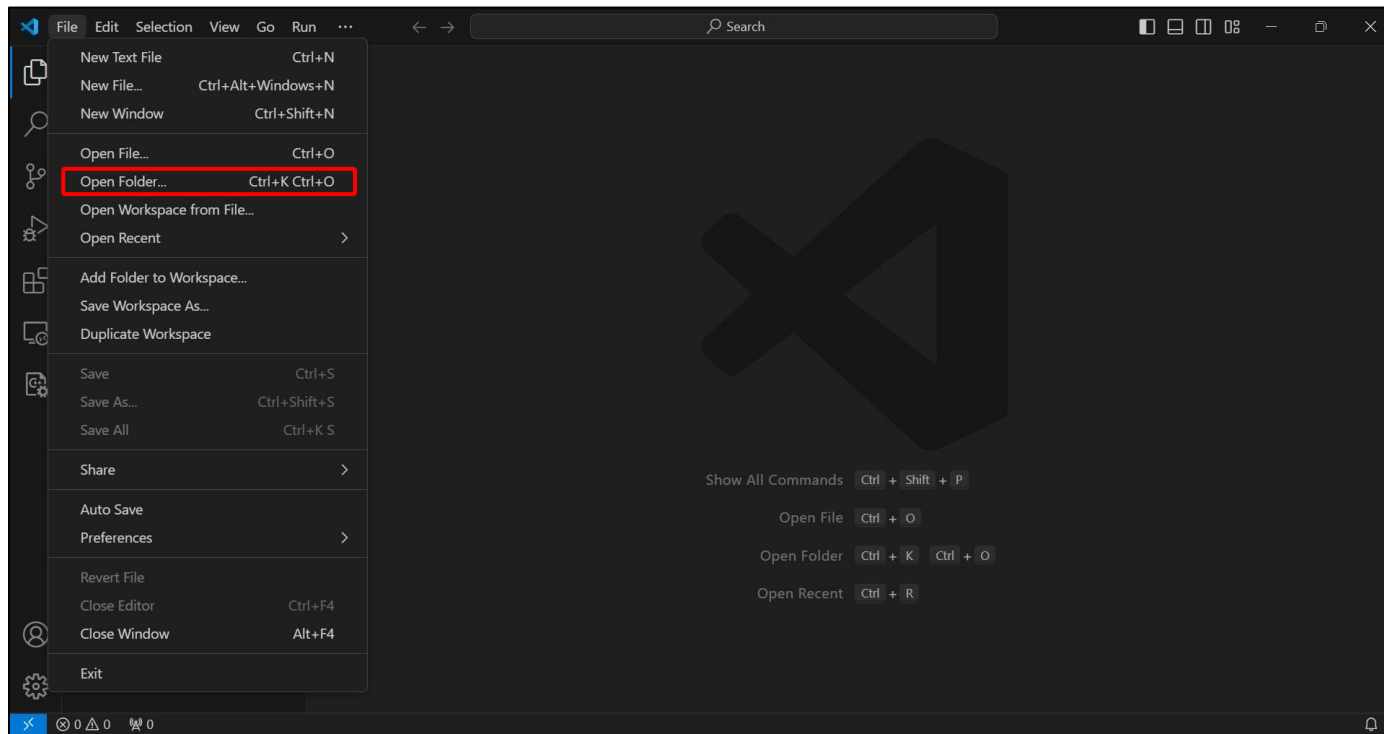
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If you want to open a file such as a Python notebook- click on **Open File** and browse the required notebook (**.ipynb file**).





If you want to open a folder consisting of multiple files including Python notebook- click on **Open Folder** and browse the required folder you wish to open.



## NOTE :

1. For Practice purposes, you can refer to the “**Notebook**” provided in the Week : Python for Prompt Engineering - 1 (Getting Setup with VS Code). You can select the recommended **kernel** for running notebooks.
2. You can also try experimenting with any other notebooks you wish using Visual Studio Code.

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# Power Ahead!

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