



Visual Studio Code

In this course, you are going to use Visual Studio Code (VSCode) which is an Integrated Development Environment (IDE) provided by Microsoft for free. VSCode comes with a wealth of plugins and extensions to make your life easier as a developer. By the end of this reading, you will be able to install and set up Visual Studio Code on your devices.

You have two options for using Visual Studio Code to complete your course activities:

Option 1: Use Visual Studio Code in-browser with Coursera Labs

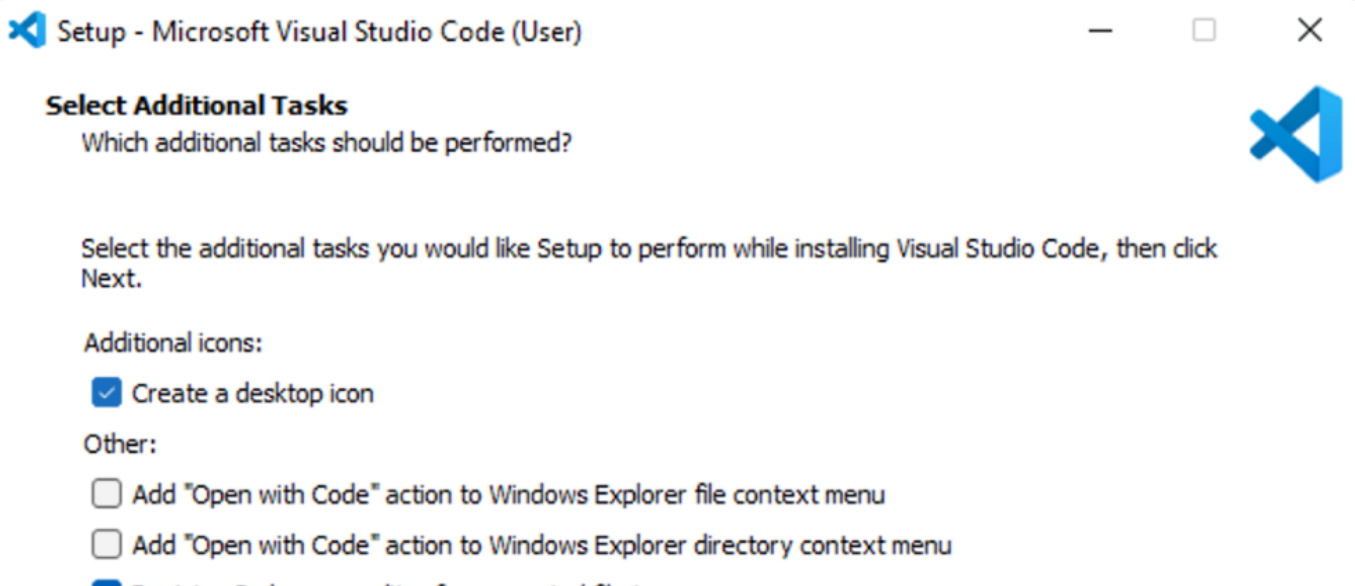
Coursera's platform offers an in-browser version of Visual Studio Code which is preconfigured and requires no local setup. You can access the Visual Studio Code environment through the "Lab" items included in this course. Your work and files will be saved and available within this in-browser lab while you have course access.

Option 2: Work on your local device

Begin by downloading the VSCode from Microsoft's website - <https://code.visualstudio.com/download>. Select the download based on your own operating system.

Windows

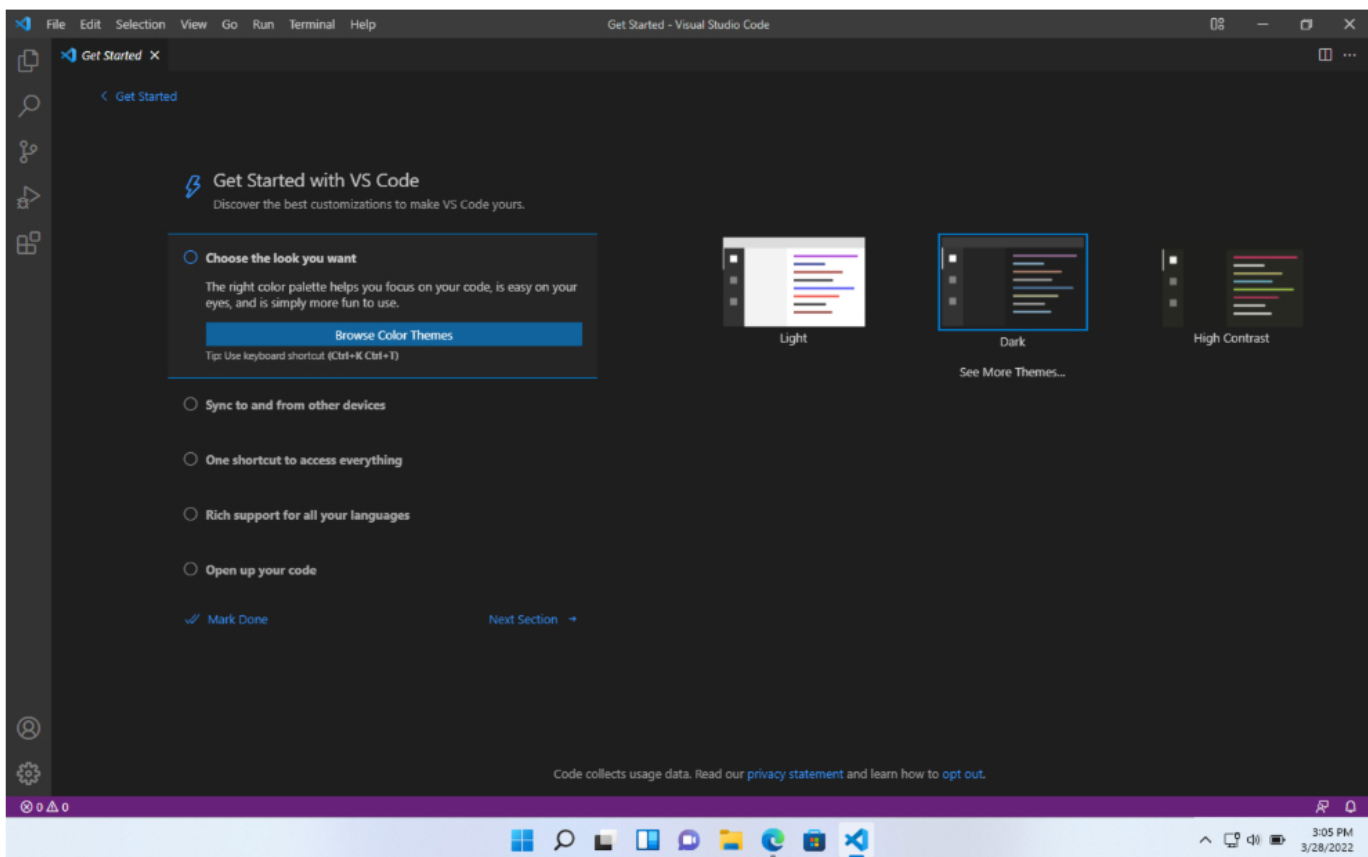
1. Download the 64-bit or 32-bit files depending on your OS.
2. Once the download is complete, open the file to install it.
3. Use the default directory location when prompted where to install.
4. On the **Select Additional Tasks** view, make sure the **Add to Path** is selected.



- ✓ Register Code as an editor for supported file types
- ✓ Add to PATH (requires shell restart)



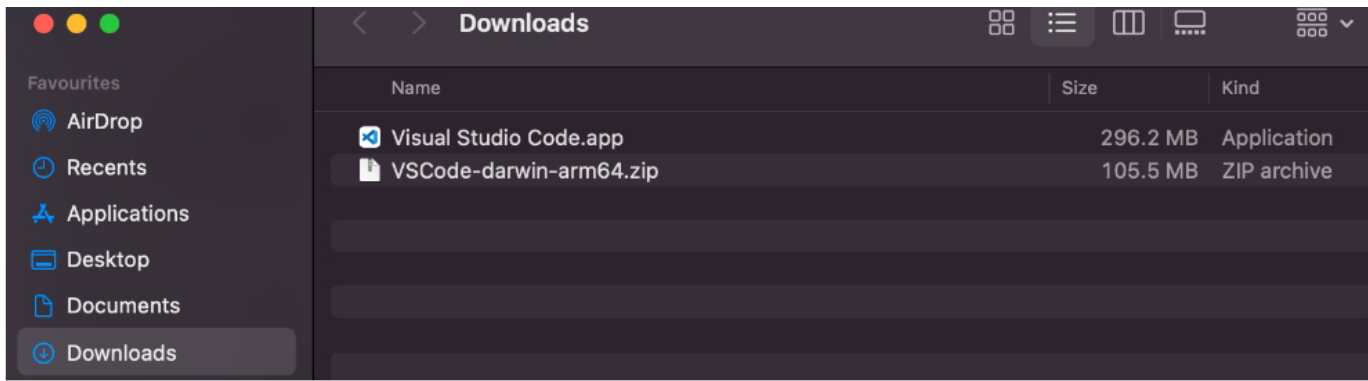
5. Click Next and the installer will begin.
6. Once complete, load the application and you should see something similar to this:



Mac

1. Download the application based on the chipset you have. M1 macs use Apple Silicon and older versions use Intel. If you are not sure just choose the Universal option.
2. Once the download has been completed, go to the folder where the file was downloaded (the default is normally the Downloads folder).
3. Double click the zip file to extract the contents.
4. Drag and drop the **.app** file to the Applications link in the File Explorer, as displayed below.



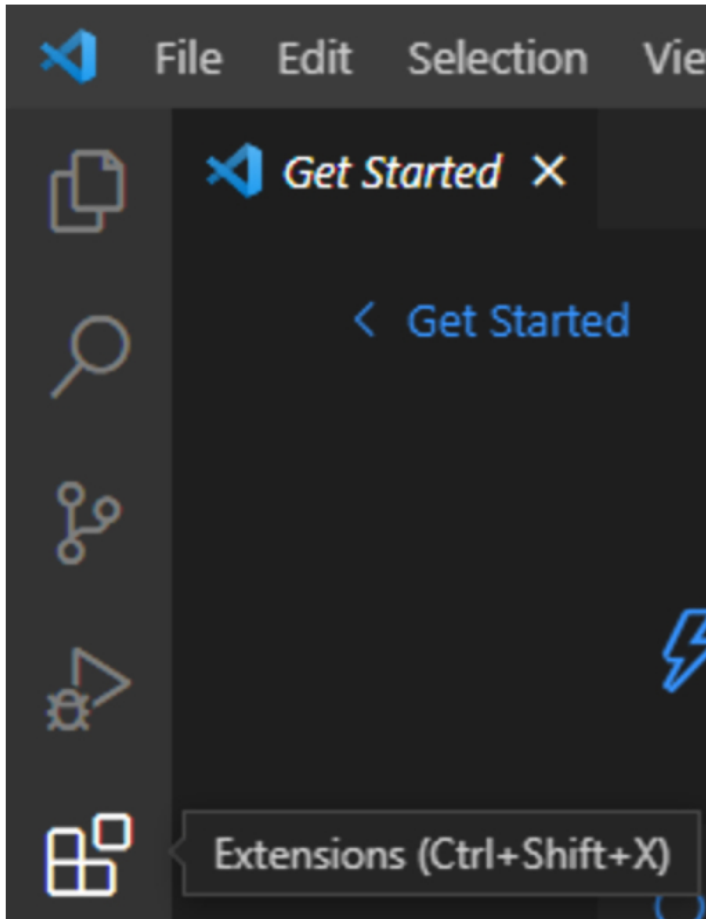


5. Open the app.

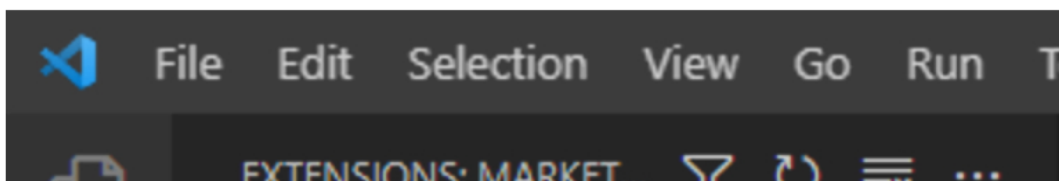
Python Extension

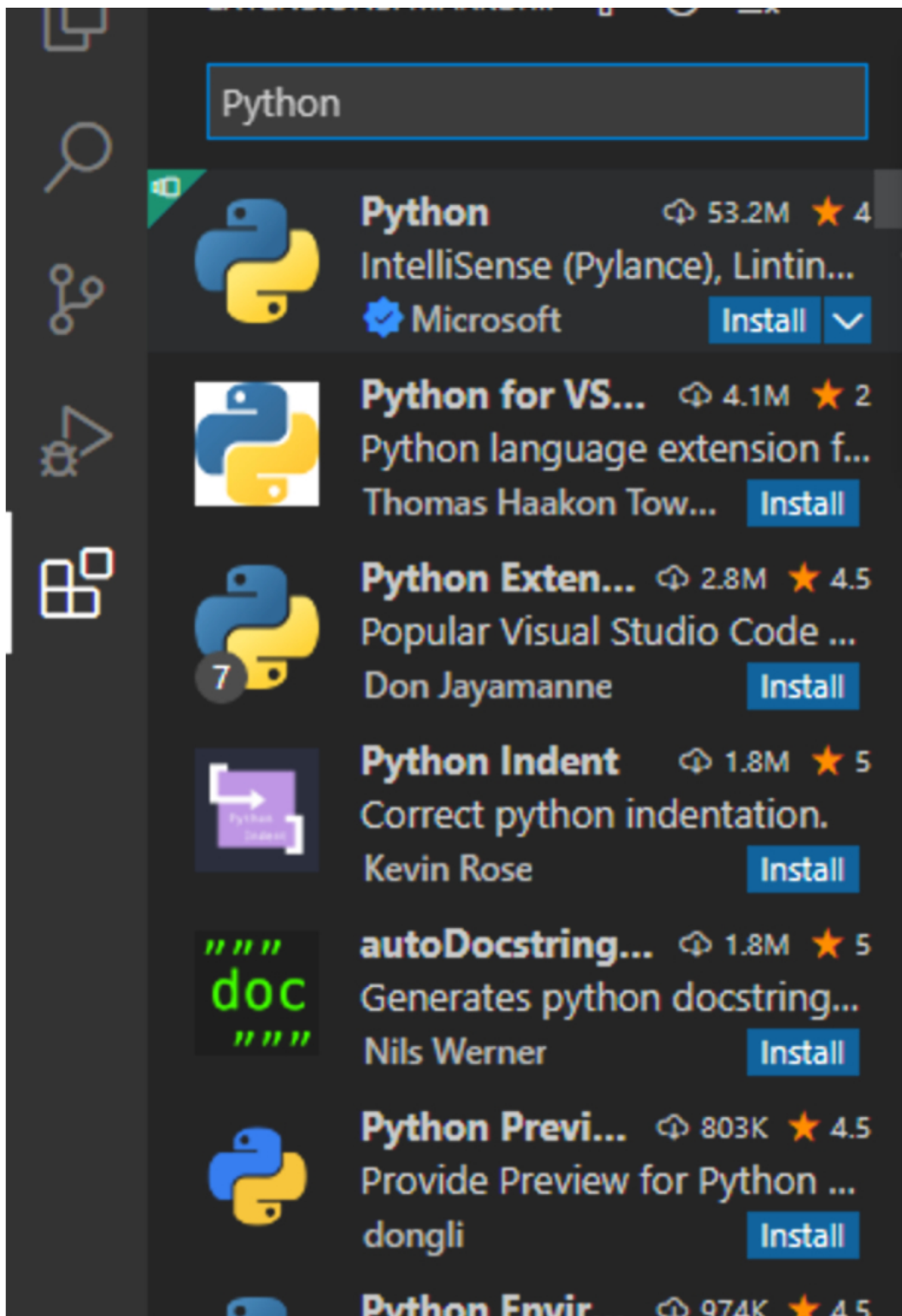
Visual Studio Code offers a Python extension from its Extension Marketplace. It can be added directly from the IDE by completing the following steps.

1. Click on the Extensions icon



2. In the search bar, type in Python. A few different extensions will return but the one you want is the extension provided by Microsoft.





3. Click the install button. You may need to restart your IDE after the installation is complete.

Go to next item

✓ Completed

