Python Tsunami

Local Installations

Visual Studio Code

- Free + Open source solution from Microsoft (there are others)
- Many programming languages
- Github integration
- Easy to install

https://code.visualstudio.com/

Visual Studio Code

Disable telemetry if you would not like Microsoft collecting your data!

How to disable telemetry reporting

VS Code collects usage data and sends it to Microsoft to help improve our products and services. Read our privacy statement and telemetry documentation to learn more.

If you don't want to send usage data to Microsoft, you can set the `telemetry.telemetryLevel` user setting to `off`.

From **File** > **Preferences** (**Code** > **Preferences** or **Code** > **Settings on macOS**) > **Settings**, search for `telemetry`, and set the **Telemetry: Telemetry Level** setting to `off`. This will silence all telemetry events from VS Code going forward.

Start up
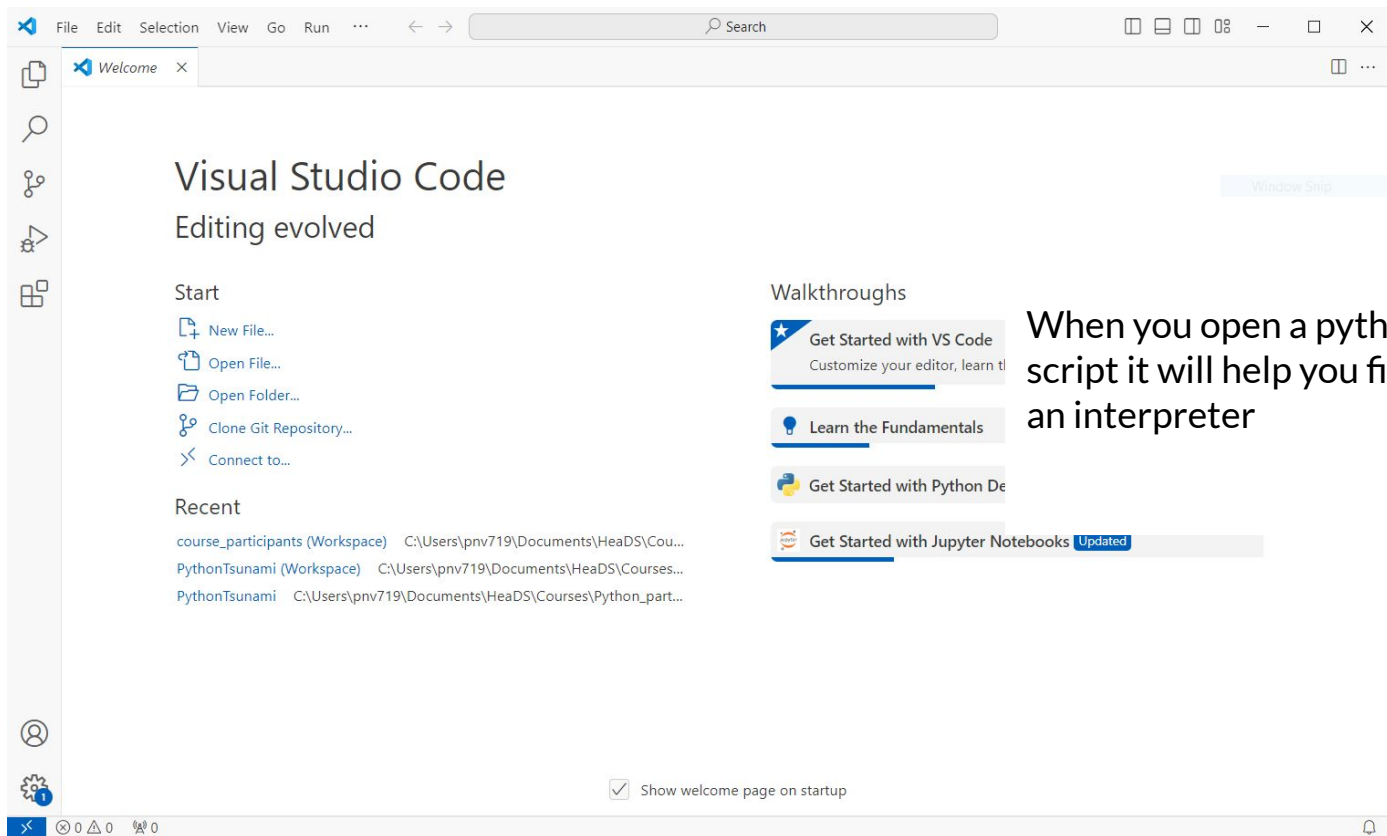
When you open a python script it will help you find an interpreter
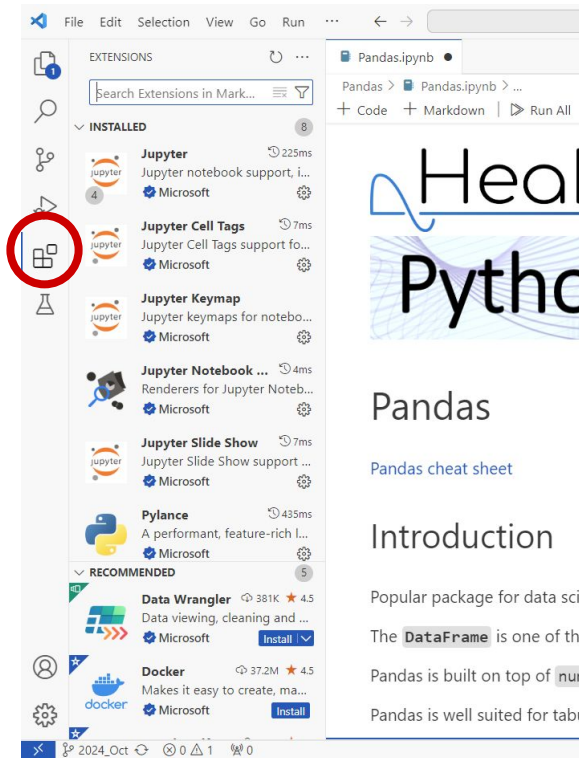
Install python
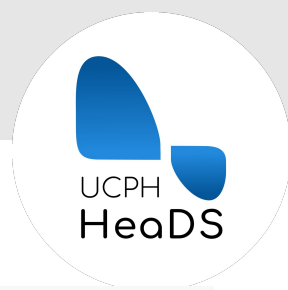
Windows: Microsoft Store or global install https://www.python.org/downloads/windows/
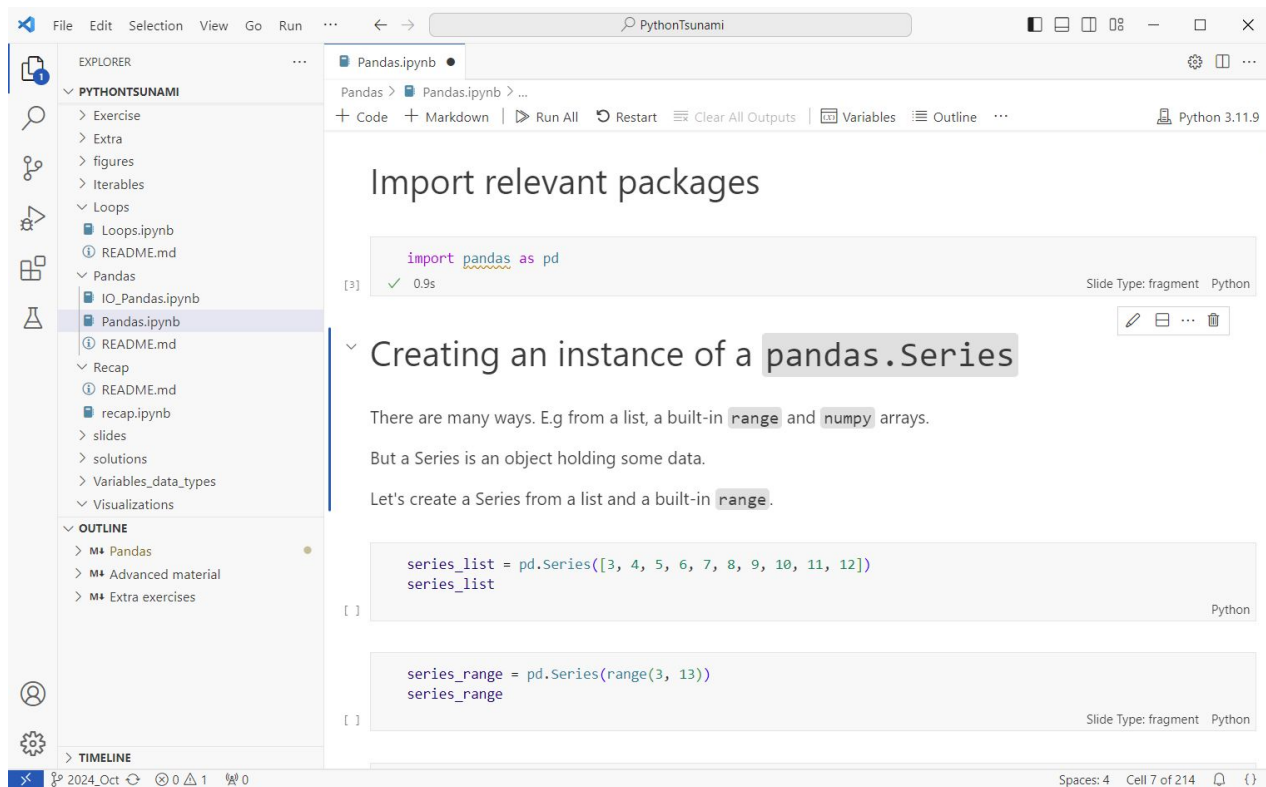Mac: App Store or command line
Linux systems: Command line

Install python

OR check 'extensions'

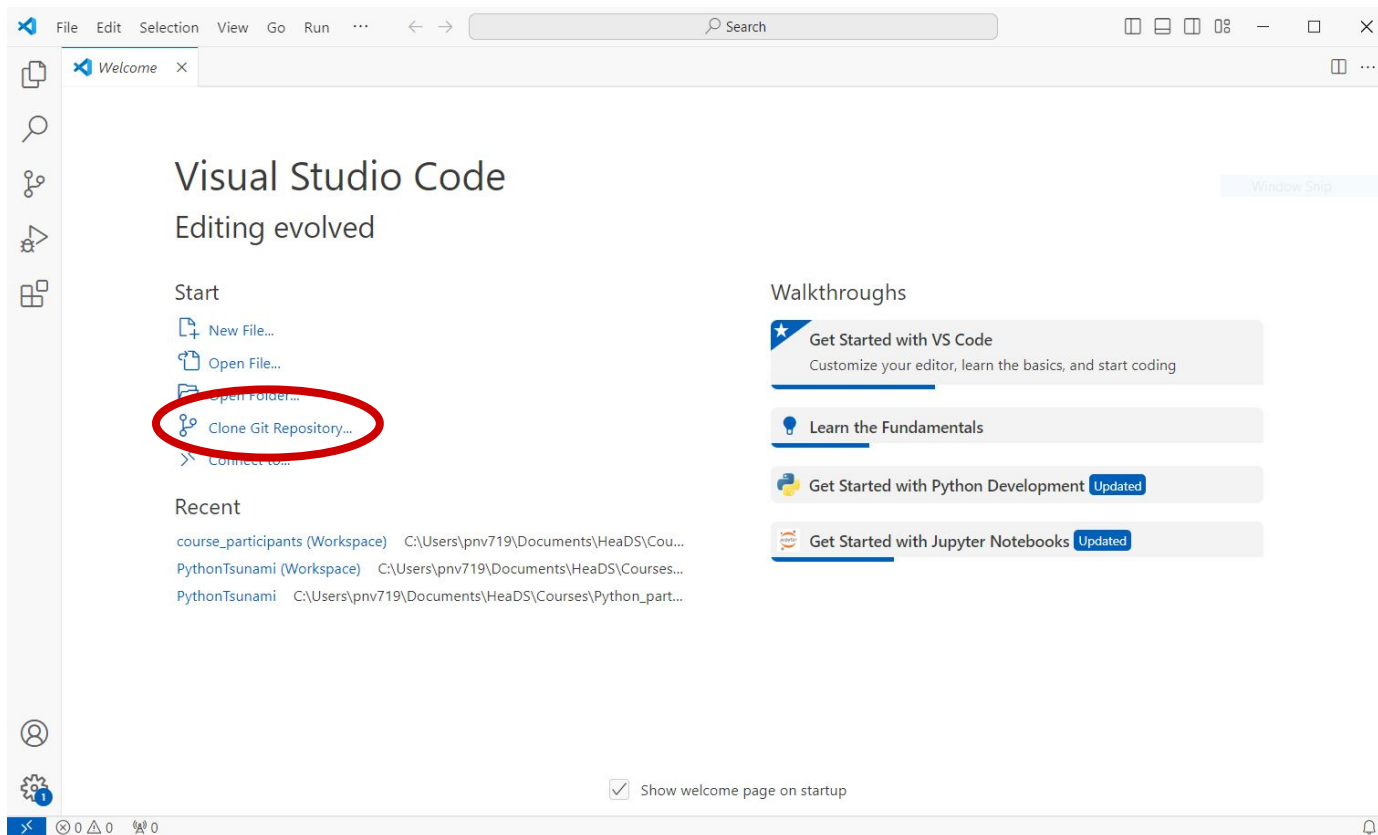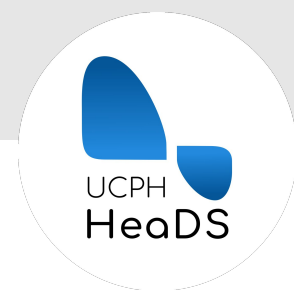As you can see, I also got Jupyter ect because I opened an ipython notebook.

Jupyter

VS code can open ipython notebooks:

Operate as in colab

- Code cells and text cells

- Run cells with run button or shift+enter

- Output appears below cell

Github integration

Packages

Packages are also called libraries. They are bundles of code that contain a certain functionality.

You have already used packages:

```
import pandas as pd

import plotly.express as px
```

You'll need to have a local install of the package before you can load and use it.

Installing packages

Now how do you get packages installed?

Option 1: Pip + any bash terminal

Option 2: Pip in powershell

(Shown Gitbash on Windows)
MacOS has native bash terminal

Native Windows terminal

Some systems have pip3 instead of pip.
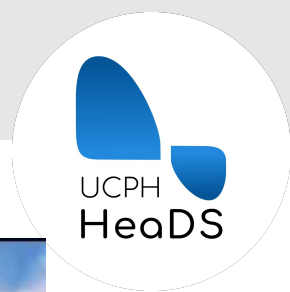
I'm looking for someone to share in an adventure