

Lab Setup for 716 InfoSec Python Virtual Workshop

May 28, 2020, 8pm

Notes:

We will launch to Meeting room about 7:30 to provide any technical assistance you need getting VS Code and Python working. **This support is best effort.** Please try to ensure you have what you need setup ahead of time.

Agenda:

We will be exploring a few REST APIs first with Postman to understand the API Process, then we will be writing some Python to do some API queries programmatically. You will need internet access and the following:

- 1.) Admin access to your workstation.
- 2.) A Virustotal API “**public**” API Key that you [register for ahead of time here.](#)
- 3.) A Greynoise Account and API Key that you [register for ahead of time here.](#)

Install Postman:

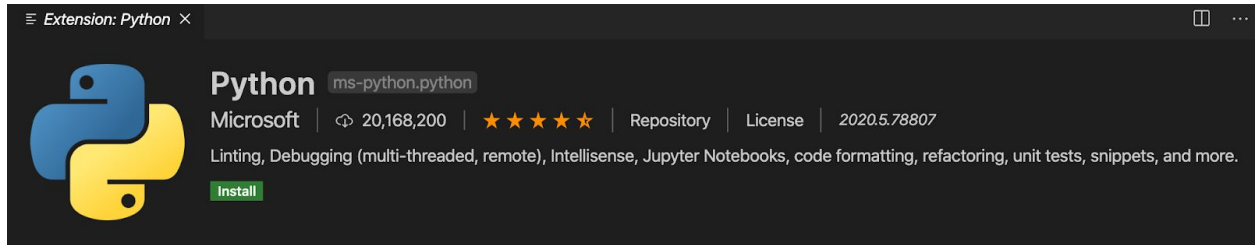
1. Install the correct file for your selected OS from [here](#).

How to setup Python in VSCode:

1. Install [VS Code](#)
2. Add the Python extension in VSCode
 1. Click on this icon to bring up the extension marketplace



2. Find Python and click install extension



3. Install Python <https://realpython.com/installing-python/>
 1. Windows: Install [Python](#)
 2. MacOS: Run `brew install python3`
 3. Linux: Recommended to use CentOS. Python will be pre-installed.
4. Open a new project
5. Add a new folder and create a file with a .py extension
6. VSCode will then tell you to select an interpreter. Please choose python3
7. If the pop up does not appear please open command palette and type "Python: Select Interpreter"
8. To run a python file right click in the window and select the "Run Python File in Terminal"