

# Setup Guide

Please follow the below setup guide to follow the course material along with the instructor

## Install VS Code

VS Code will be used as a code editor tool throughout the course curriculum. Download and install the latest release of VS Code using this link

[Visual Studio Code Downloads](#)

## Install Python

Python is the programming language package which we'll use to run python programs. Download and install the latest release of python 3.9 using this link (Don't forget to check Add to Path option while installation)

[Python 3.9 Downloads](#)

Once installed, open a terminal and check if python command is running or not by running the below command

```
>> python --version  
Python 3.9.13
```

## Install required VS Code extensions

VS Code extensions enhance developer productivity. Below extensions are mandatory extensions to be installed to follow along the course material. Click on the install button on the extensions's webpage to install it.

- [Python](#)
- [Pylance](#)
- [Jupyter](#)

## Install required python packages

We'll be using Jupyter notebooks for all the code executions so ***ipykernel*** package has to be installed. Install the package by typing the below command in a terminal.

```
pip install ipykernel
```