**Converting Python Script to Exe**

* PyInstaller bundles a Python application and all its dependencies into a single package. The user can run the packaged app without installing a Python interpreter or any modules.
* This is extremely useful to be able to give user’s an exe they can easily run without any other requirements, and prevents them from editing the code.
* First you need to install pyinstaller through pip
* Open Command Prompt in windows
* Cd into C:\Users\USERID\AppData\Local\Programs\Python\Python310\Scripts
* Then simply type “pip install pyinstaller”
* It should install successfully, check by typing “pip list” and look for it in the list
* To convert a script into an exe you need to cd to where the script is located. For Pycharm it will look like this
* C:\Users\ebu312q\PycharmProjects\SCRIPTFOLDER where script folder may be where you have a project folder with scripts inside
* Then you simply type “pyinstaller --onefile script\_name.py” where script\_name.py is the python script you want to convert.
* The “—onefile” ensures the exe is one file, if not, it will convert into separate parts
* After that is done, you can find the exe in C:\Users\ebu312q\PycharmProjects\SCRIPTFOLDER\dist
* Note that if you do it again to the script it will replace the previous exe if you did it before. So make sure to rename it before creating a new one if that’s what you want.