## **Software Configuration**

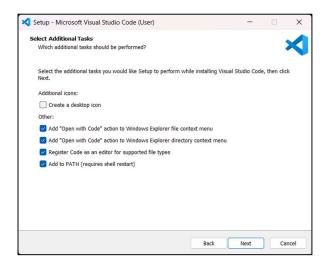
## Installation of VS Code IDE, Python and the required libraries

To install VSCode on your Windows PC, follow the next instructions

- ➤ Insert the CD-ROM or PENDRIVE that contains the VSCode setup file.
- ➤ Copy the VSCode Setup File to your desired location on your computer.
- After copying, double-click on the setup file to start the installation.

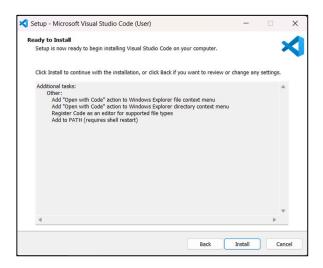


Click on I accept and next

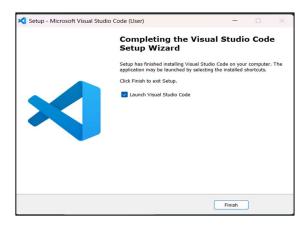


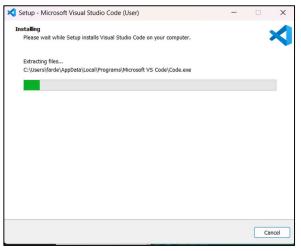
Select the required additional tasks and click on next.

- Click on Install
- ➤ A progress bar appears.

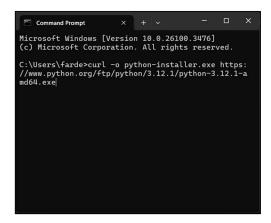


## Click on Finish

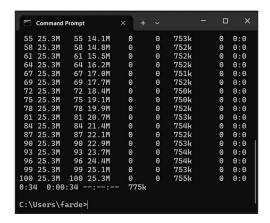




Install python using the command line. Open cmd in the PC.



run the following command and press enter, curl -o pythoninstaller.exe https://www.python.org/ftp/python/3.12.1/python-3.12.1-amd64.exe

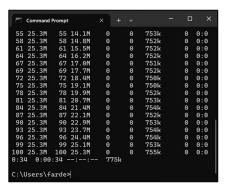


- > Python installer has been installed successfully.
- Now we need to install python using the installer we downloaded, run the following command, python-installer.exe /quiet InstallAllUsers=1 PrependPath=1



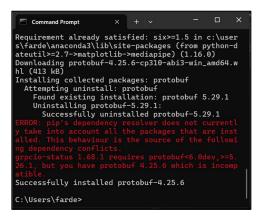
> Python has been installed successfully.

- Now we need the libraries, but before that let's install PIP which is a package installer for python, Open cmd and run this command. curl -o get-pip.py <a href="https://bootstrap.pypa.io/get-pip.py">https://bootstrap.pypa.io/get-pip.py</a>
- run the following command and press enter, curl -o pythoninstaller.exe <a href="https://www.python.org/ftp/python/3.12.1/python-3.12.1-amd64.exe">https://www.python.org/ftp/python/3.12.1/python-3.12.1-amd64.exe</a>



run the following command and press enter to install pip, python get-pip.py

Now that we have pip let's install the required libraries for our project. We need numpy, mediapipe, openev and time modules. To install all of them we use this command in cmd, pip install mediapipe openev-python numpy time.



- Libraries have been installed successfully.
- Now that everything is ready we can move on to running the project Code, we are just running the program since the interface is handled in opency library without needing any external application.