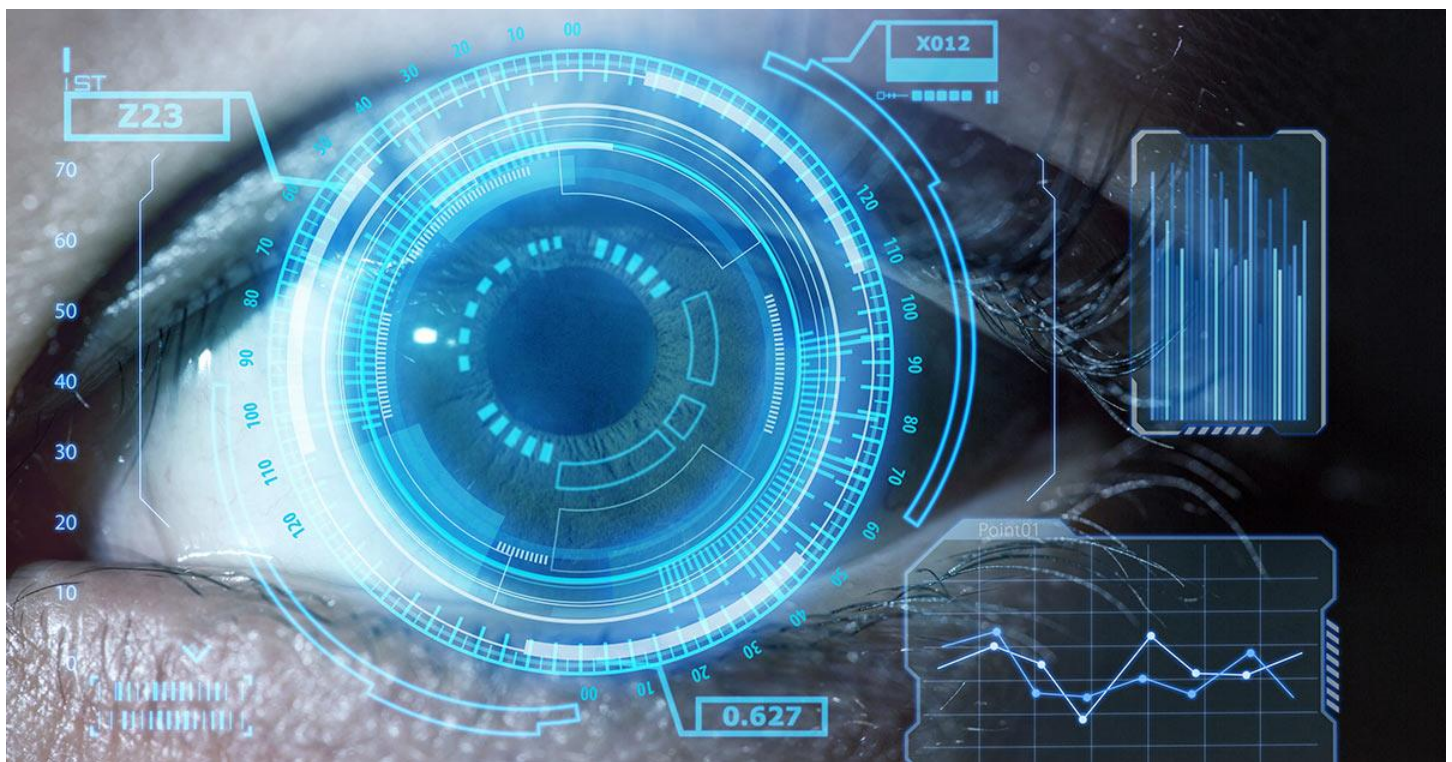


“COMPUTER VISION”

ENG: AHMED MUBARAK

01020451375



SESSION NO.“1”

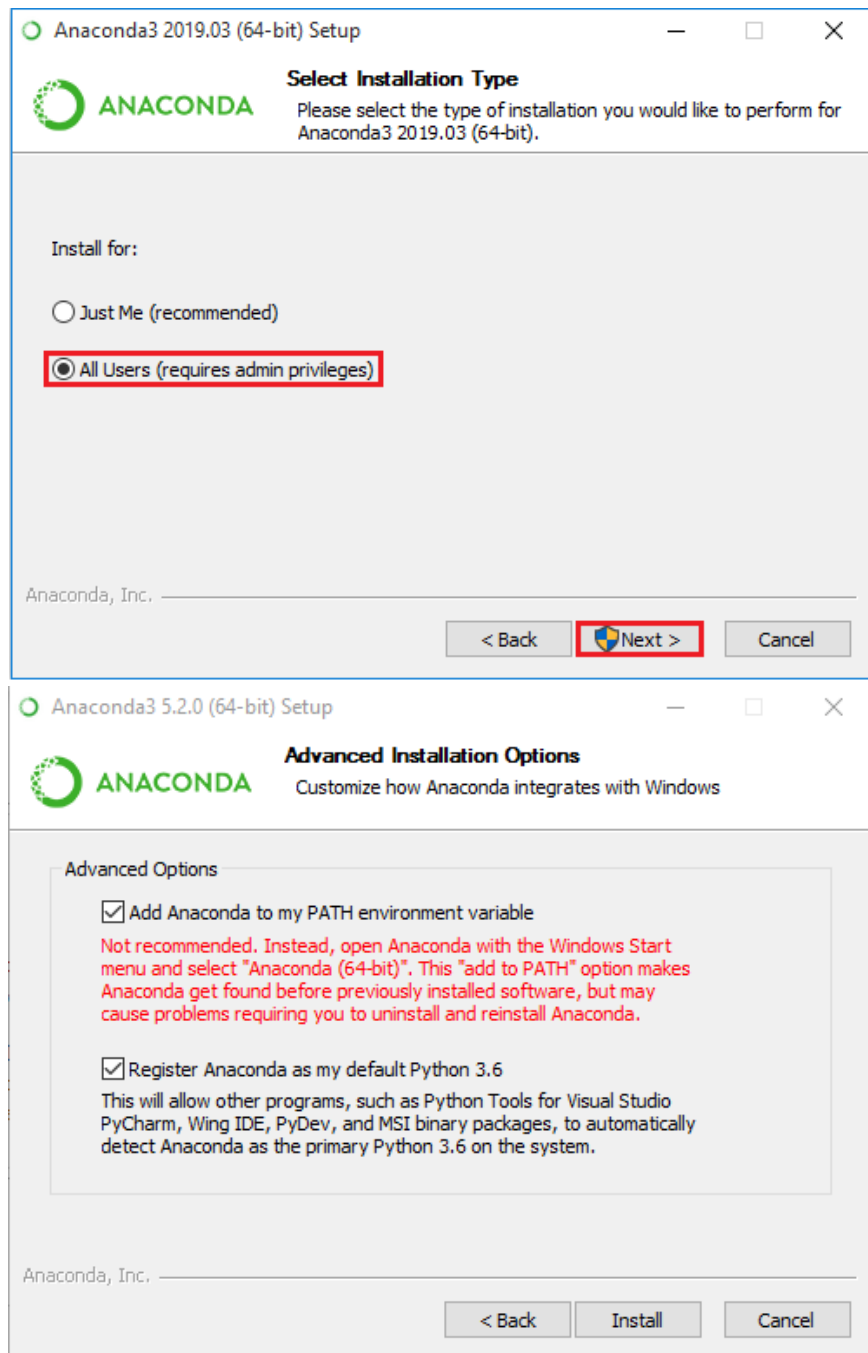
- INSTALL ANACONDA
- MAKE A VIRTUAL ENVIRONMENT
- INSTALL NECESSARY LIBRARIES
- INSTALL PYCHARM
- INSTALL VISUAL STUDIO CODE
- RUNNING PYCHARM AND VS CODE ON YOUR OWN ENVIRONMENT

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INSTALLING ANACONDA

- GO TO:
<https://www.anaconda.com/products/individual>
- DOWNLOAD : [64-Bit Graphical Installer \(457 MB\)](#)
- INSTALL THIS FILE FOR ALL USER AND SURE THAT YOU CHOOSE THIS OPTION :



MAKE A VIRTUAL INVIROMENT

- OPEN “**ANACONDA NAVIGATOR**”
- CHOOSE “**ENVIRONMENTS**”
- CLICK “**CREATE**”
- NAME YOUR ENVIRONMENT AND CHOOSE THE VIRSION OF PYTHON LANGUAGE “ **3.8 IS RECOMMENDED** ” AND CLICK “**CREATE**”
- AFTER CREATE YOUR ENVIRONMENTS GO TO :
 1. **C:\Users\{YOUR USER NAME}\.conda\envs\{YOUR ENV NAME}\Lib\site-packages**
 2. **C:\ProgramData\anaconda3\envs\{YOUR ENV NAME}\Lib\site-packages**
- PUT YOUR ALL LIBRARIES HERE [I WILL GIVE YOU MY ALL LIBRARIES BACKUP BUT ALSO I WILL TEACH YOU HOW TO INSTALL ADDITIONAL LIBRARIES 😊

INSTALL NECESSARY LIBRARIES

- OPEN CMD
- TYPE “ **conda activate {your env name}** ” TO CHOOSE YOUR OWN ENVIRONMENT AND CLICK ENTER
- TYPE “ **PIP INSTALL {LIBRARY NAME}** ” AND CLICK ENTER
- WAIT TO FINISH INTALLATION 😊

INSTALLING PYCHARM & VS CODE

- GO TO :
<https://www.jetbrains.com/pycharm/download/#section=windows>
- DOWNLOAD “**PYCHARM COMMUNITY**” AND INSTALL IT
- OPEN IT .. MAKE NEW PROJECT .. CHOOSE YOUR OWN ENVIRONMENT 😊
- GO TO : <https://code.visualstudio.com/>
- DOWNLOAD “**VS CODE**” AND INSTALL IT
- OPEN IT .. NEW FILE .. SAVE IT AS {ANY NAME.py}
- CLICK {**CTRL+SHIFT+P**} .. TYPE {**PYTHON:SELECT INTERPRETER**} .. CHOOSE YOUR OWN ENVIRONMENT 😊