**Ubuntu all documentation**

## installing jupyter notebook on Ubuntu

1. sudo apt update
2. sudo apt install python3-pip
3. pip3 –version
4. pip3 install notebook
5. Running Notebook

jupyter notebook

Or jupyter-notebook

## pycharm installation

1. Go to Ubuntu software.
2. Search pycharm
3. Install community version
4. After installation run it

### Ubuntu full screen

1. Remove guest addition iso form storage.
2. Open terminal form Ubuntu
3. sudo apt update
4. sudo apt install -y build-essential linux-headers-$(uname -r)
5. go to virtual box
6. click devices
7. click insert guest addition cd image
8. a cd will appear in menu click it
9. right click speech and click open in terminal
10. ls to see this
11. type ./autorun.sh and press enter
12. give authentication pass
13. press retun to claose this winder -> press enter just
14. close everything and restart the Ubuntu
15. enter password then click maximize button.
16. Enjoy full screen

## setting up virtualenv on Ubuntu

1. sudo pip3 install virtualenv
2. virtualenv venv\_name
3. source venv\_name/bin/activate
4. pip3 install notebook
5. give permission on jupyter
6. open terminal on dektop
7. type sudo chown –R your\_username:your\_username ~/.local/share/jupyter
8. python3 -m ipykernel install --user
9. ipython kernel install --name venv\_name --user
10. uninstall jupyter kernel type  
    a. jupyter-kernelspec uninstall venv\_name
11. pip3 install jupyter\_contrib\_nbextensions
12. pip3 install jupyter\_nbextensions\_configurator
13. jupyter contrib nbextension install --user
14. jupyter nbextensions\_configurator enable --user

## libarary installation for repeatcall

1. pip3 install pandas
2. pip3 install matplotlib
3. pip3 install openpyxl
4. pip3 install -U scikit-learn
5. pip3 install nltk
6. pip3 install yellowbrick

Important video link:

1. Increase disk size

https://www.youtube.com/watch?v=jpMaTnnmcyI

1. Ubuntu full screen

<https://www.youtube.com/watch?v=zdkl16oAS1k>