Conda

conda used only for containeriez environments and pip for install packages

1 - Create and activate a conda environment
- conda createname myenv Switch from base Conda en V To myenv
- conda activate myenv
2 - Install pip using conda to install my lack post on current environment.
2 - Install pip using conda To install my factors on current environment. - conda install pip > pip is specific with Python factors only, but conda not.
The street with the transfer stay your contact for
3 - Install jupyterlab
- pip install jupyterlab - IDE Fox Notlbook
4 - install ipykernel
- pip install ipykernel - the backend of July Ter which handle the execution of Gode sent To
5 - Add the environment to jupyter] > For each env , we death its own Reynel in July ler
- python -m ipykernel installusername=myenvdisplay-name "Python (myenv)"
6 - Launch jupyterlab
- jupyter-lab] → launch a noTebook
Cuesto alanged environment
Create clonned environment
1 - conda createname newenvclone oldenv وين الدكا الريح المكال الريح المكال الريح المكال المك
2 - conda activate newenv
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3 - python -m ipykernel installusername=newenvdisplay-name "Python (newenv)"
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4 - jupyter-lab - select the kernal for this newenv in jupyter
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فساعتها الأففل الأكل عمه يكور بيها (كالمع الخاصة بيها

- * conda env list --> list all your conda environments
- * conda list --> list all packaged installed for current environment
- * conda deactivate --> switch to base conda environment
- * conda remove --name myenv --all --> delete myenv
- 1- install miniconda from conda website and install it using "bash installer_path" and reboot the terminal
- 2- when open the terminal again, by default it is opend on base conda
- 3- from the base you can create environments and switch between them
 - create new environment " conda create --name <env_name> "
 - activate an environment " conda activate <env_name> "
- 4- after activation we switched to another environment and has no packages
- 5- setup our environment to use it
 - -/conda install pip" --> for installing all my packages for each environment
 - "conda install jupyter ipykernel" --> the backend of notebooks to run and debug it
 - "python -m ipykernel install --user --name=myenv --display-name "Python (myenv)"
 - replace myeny with my current environmet name
 - so we can choose it from the kernal options in the notebook
 - "jupyter notebook" --> to create new notbook
 - this setup is made for every new environment "isolated"

JubyTer lab is better

6 - we can clone a new environemt with all packages from another

