Libraries of Machine Learning course : in this course we will covering the most popular python data science libraries including : Numpy , Scipy , pandas , Seaborn , Sckit-Learn , MatplotLib , Plotly and PySpark .

Python Crash course : for refresh students work.

Pandas : a fantastic data analysis library allows us to read them manipulate data from multiple source including

MatplotLib: used for data visualization.

SeaBorn : it used in statistical plots .

Skitlearn : used in machine learning algorithms .

TensorFlow : is an open source software libraries for machine learning intelligence.

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 anaconda : is a distribution of pyrhon , it includes many libraries and its own virtual environment system , it is all in one (multi programs in one environment)

Jupyter : is a development environment that used for write a code , display images and write down markdown notes .

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creating a virtual environment : **conda create - - name snowflakes biopython**

      1- (conda create - - name)is a command that used for creating a virtual environment .

      2- snowflakes is a name of environment .

      3- biopython is a base package or library that you initiate that new en environments with.

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 creating a virtual environment : with a different python version :

→ **conda create - -name nameOfVirtualEnvironment python=3.5 numpy**

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knowing information of anaconda virtual environment : this command will list out my environments

→ **conda info   - - envs**

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open a specific virtual environment in anaconda

→ **conda activate youenvname**