```
pip install jupyter
pip install numpy
pip install pandas
pip install scikit-learn
pip install opencv-python
pip install beautifulsoup4
```

NLP:Natural Language Processing
        >it is technique to understand and process human languages.
               ex:chatbot,review,speech recognition,spam detection
        >nltk is a python package for NLP
        >first introduced in 2001 and distributed as open source lib.

Types of data:

1.Numeric
        >Discrete
        >Continuous

2.Categorical
        >Ordinal
        >Nominal
Unsupervise machine learning:

>In this type of ml problem we have given a dataset
with features only.(no classes are specified)

>Our Model try to group similer types of objets(samples)
into a cluster and assign an int value for each
cluster starting from 0,1,....

>No of clusters are provided by programmer explicitly

>There are some methods also that help to findout
no of best possible clusters.

>sklearn provides KMeans clustering Algo(Model) to
work with this type of ML.