**Install pandas**

Reference <https://www.youtube.com/watch?v=khwJY8EeJtU>

In Cmd Type pip install pandas

<https://pandas.pydata.org/pandas-docs/stable/generated/pandas.read_table.html>

**Group series using mapper (function by a series of columns**.

<https://pandas.pydata.org/pandas-docs/stable/generated/pandas.DataFrame.groupby.html>

http://pandas.pydata.org/pandas-docs/version/0.16.2/generated/pandas.core.groupby.DataFrameGroupBy.plot.html

<https://www.youtube.com/watch?v=wfTABU8VeoY>

**What is scatter graph?**

[**https://en.wikipedia.org/wiki/Scatter\_plot**](https://en.wikipedia.org/wiki/Scatter_plot)

[**https://matplotlib.org/api/\_as\_gen/matplotlib.pyplot.scatter.html**](https://matplotlib.org/api/_as_gen/matplotlib.pyplot.scatter.html)

[**https://plot.ly/python/line-and-scatter/**](https://plot.ly/python/line-and-scatter/)

**For showing the graph need below library**

Import matplotlib.pyplot as Graph

<https://matplotlib.org/api/_as_gen/matplotlib.pyplot.plot.html>

<https://swcarpentry.github.io/python-novice-gapminder/09-plotting/>

http://pandas.pydata.org/pandas-docs/version/0.16.0/visualization.html

**Create graph using panda dataframe**

**https://www.youtube.com/watch?v=F6kmIpWWEdU**

<https://pandas.pydata.org/pandas-docs/stable/generated/pandas.DataFrame.html>

**Colors**

<https://matplotlib.org/2.0.2/api/colors_api.html>

**Legend**

<https://matplotlib.org/users/legend_guide.html>

Scikit what algo is using no idea so I am going diff way

[**http://scikit-learn.org/stable/datasets/index.html**](http://scikit-learn.org/stable/datasets/index.html)

[**https://matplotlib.org/users/pyplot\_tutorial.html**](https://matplotlib.org/users/pyplot_tutorial.html)

**https://matplotlib.org/gallery/ticks\_and\_spines/tick-formatters.html**