

20210921 Data and Python Review

- **What are the four technical skills of data analytics?**
Data cleansing, exploration, analysis, and visualization.
- **Why are soft skills important to data analytics?**
Soft skills facilitate communication between business units, and work with non-technical teams who have a stake in projects.
- **Why is Python good for data analytics?**
Python is an object-oriented, high-level and extremely interpreted programming language. Also, it is known for dynamic semantics. Python is also used extensively for scripting, and it is even used as a glue language to link the present existing components together. Also, it's quite versatile, and thus the popularity of the programming language is growing day by day.
- **Why is Python such a popular language? List 4 reasons**
 - 1- Readability
 - 2- Extensive open-source set of tools
 - 3- Compatible with major platforms and systems
 - 4- Robust standard library
- **List 5 external Python data tools.**
 - 1- pandas
 - 2- scipy
 - 3- numpy
 - 4- scrapy
 - 5- matplotlib
- **What are Jupyter Notebooks?**
Jupyter Notebooks is similar to a "Google Docs" for Python coding. Allows the creation of a document showing Python code which can be run and easily shared. Also capability of showing graphs & charts.