Data Science Tools and Ecosystems

In this notebook, Data Science Tools and Ecosystem are summarized.

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. Java
4. Julia
5. Scala
6. SQL

Some of the commonly used libraries used by Data Scientists include:

1. Numpy
2. Pandas
3. SciPy
4. Matplotlib
5. ggplot
6. TensorFlow
7. Keras
8. PyTorch
9. caret
10. dplyr
11. Plotly
12. Seaborn
13. scikit-learn

Data Science Tools
Jupyter Notebooks
RStudio
Apache Spark
Apache Hadoop
MongoDB
IBM Watson
Data Asset Exchange(DAX)
Model Asset Exhange(MAX)

Data Science Tools
Relational Databases(MySQL)
NoSQL

Below are a few examples of evaluating arithmetic expressions in Python

```
In [1]:  (3*4)+5
         #  This a simple arithmetic expression to mutiply then add integers
```

Out[1]: 17

```
In [5]:  hours = 200 / 60
         # This will convert 200 minutes to hours by diving by 60
         print(f"{hours} mins")
```

3.3333333333333335 mins

Objectives:

- List popular languages data scientist use
- List popular tools for daat science
- Create a markdown table
- Code in Python
- List common libraries used in data science

Author

Ajah Donald

```
In [ ]:
```