Data Science Tools and Ecosystem

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

OBJECTIVES:

- Create a Jupyter Notebook with markdown and code cells
- List examples of languages, libraries and tools used in Data Science
- Share your Jupyter Notebook publicly on GitHub
- Evaluate notebooks submitted by your peers using the provided rubric
- Demonstrate proficiency in Data Science toolkit knowledge

Some of the popular languages that DataScientists use are:

1. Python
2. Java Script
3. R

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

1. Pandas
2. Numpy
3. Matplotlib
4. Scikitlearn

Data Science Tools
Google Co-Lab
Jupyter Notebook
IBM Watson

Below are a few examples of evaluating arithmetic expressions in Python.

In [4]:
```python
## This is a simple arithemitic expression to multiply then add integers.

(3*4)+5
```

Out[4]:
```
17
```

In [10]:
```python
## This will convert 200 minutes to hours by diving by 60.

def minutes_to_hours(minutes):

    hours = minutes / 60
    return hours
```

```python
# Convert 200 minutes to hours
minutes = 200
hours = minutes_to_hours(minutes)
print(f"{minutes} minutes is equal to {hours} hours.")
```

200 minutes is equal to 3.3333333333333335 hours.

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