Skills Network

Add your code below following the instructions given in the course

Data Science Tool And Ecosystem

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

Some of the popular languages that Data Scientists use are:

```
In [8]:  lanuages=["python","R","SQL","Scala","java","Julia"]
         print(lanuages)
```

['python', 'R', 'SQL', 'Scala', 'java', 'Julia']

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

```
In [9]:  lib=["Tensorflow","Numpy","Pandas","Matplotlib","scipy"]
         print(lib)
```

['Tensorflow', 'Numpy', 'Pandas', 'Matplotlib', 'scipy']

Create a markdown cell with a table of Data Science tools

```
In [13]: !pip install tabulate
         from tabulate import tabulate

         mydata = [
                 ["RStudio."],
                 ["Apache Spark."],
                 ["TensorFlow."],
                 ["Apache Hadoop."]
         ]

         head = ["Data science Tools"]

         print(tabulate(mydata, headers=head, tablefmt="grid"))
```

```
Collecting tabulate
  Downloading tabulate-0.9.0-py3-none-any.whl (35 kB)
Installing collected packages: tabulate
Successfully installed tabulate-0.9.0
+----------------------+
| Data science Tools   |
+======================+
| RStudio.             |
+----------------------+
| Apache Spark.        |
+----------------------+
| TensorFlow.          |
+----------------------+
| Apache Hadoop.       |
+----------------------+
```

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

In [15]:
```python
a=10
b=20
c=a+b
print(c)
```

30

This a simple arithmetic expression to mutiply then add integers.

In [16]:
```python
a=3
b=4
c=5
d=(a*b)+c
print(d)
```

17

This will convert 200 minutes to hours by diving by 60.

In [22]:
```python
a=200
b=60
c=a/b
print("200 minuites means hours :")
print(c)
```

200 minuites means hours :
3.3333333333333335

List popular languages for Data Science.

In [30]:
```python
lanuages=["python","R","SQL","Scala","java","Julia"]
print(lanuages)
```

['python', 'R', 'SQL', 'Scala', 'java', 'Julia']

Author

Tushar Rathi

In [ ]: