Add your code below following the instructions given in the course

Exercise 1: Create a Jupyter Notebook

File name: DataScienceEcosystem.ipynb

Exercise 2: Create a markdown cell with the title of the notebook

Data Science Tools and Ecosystem

Exercise 3: Create a markdown cell for an introduction

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

Exercise 4: Create a markdown cell to list data science languages

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL
4. Scala
5. Julia
6. Ruby
7. Java
8. C++
9. MATLAB

Exercise 5: Create a markdown cell to list data science libraries

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

1. BeautifulSoup
2. Matplotlib

3. ggplot2
4. Pandas
5. Numpy
6. Scipy
7. Keras
8. dplyr
9. carat
10. PyTorch

Exercise 6: Create a markdown cell with a table of Data Science tools

Data Science Tools
Apache Hadoop
TensorFlow
Apache Spark

Exercise 7: Create a markdown cell introducing arithmetic expression examples Below are a few examples of evaluating arithmetic expressions in Python

```
#Simple Addition
print(1+1)
```

```
    2
```

```
#Volume of a cone with radius 15 and height 9
print(math.pi*15**2*9/3)
```

```
    2120.57504117311
```

Exercise 8: Create a code cell to multiply and add numbers

```
#PEMDAS in use
print((32+88)*39)
```

```
    4680
```

Exercise 9: Create a code cell to convert minutes to hours

```
#This will convert 200 minuts to hours by dividing by 60
minutes = 200
hours = minutes/60
print(hours)
```

```
3.3333333333333335
```

Exercise 10: Insert a markdown cell to list Objectives

Objectives:

- Popular Data Science Libraries
- Popular Data Science Languages
- Using Github
- Using Jupyter Notebooks

Exercise 11: Create a markdown cell to indicate the Author's name

Author

Kevin Chiang