Excercise - 1

Data Science Tools and Ecosystem

Excercise - 2

This notebook is about an assignment on the tools for data science course on coursera

Excercise - 3

Some of the popular languages that Data Scientists use are:

1. Python
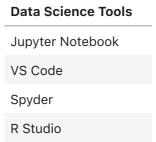2. R
3. Scala
4. Java

Exercise - 10

Objectives: Key takeaways from this course

- Popular Languages in DS
- Polular Tools in DS
- Version Control tools
- Open Source IDEs
- Commercial IDEs
- Jupyter Notebook, Jupyter Lab, Jupyter Lite etc.

Excercise - 4

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

1. TensorFlow
2. Scikit-learn
3. Pandas
4. PyTorch
5. keras
6. Matplotlib
7. SciPy
8. NumPy

Data Science Tools

| Jupyter Notebook |
| VS Code |
| Spyder |
| R Studio |

Exercise - 7

Below are a few examples of evaluating arithmetic expressions in Python

Exercise - 8

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

Out[1]: 17

Exercise - 9

In [2]:
```python
# This will convert 200 minutes to hours by diving by 60
200/60
```

Out[2]: 3.3333333333333335

Exercise - 11

Author

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In [ ]: