DataScienceEcosystem

April 1, 2023

1 Data Science Tools and Ecosystem

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. SQL
4. Java
5. C++
6. Scala

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

1. NumPy
2. Pandas
3. Matplotlib
4. PyTorch
5. TensorFlow
6. caret

Data Science Tools
Jupyter Notebook
RStudio
Spyder
Anaconda
TensorFlow
Apache Zeppelin

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

```python
#This a simple arithmetic expression to mutiply then add integers

Evaluate = (3*4)+5
print (Evaluate)
```

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

      min = 200
      hr = min // 60
      remainder = min % 60
      print (hr, "hr", "",  remainder, "min")
```

```
3 hr  20 min
```

Objectives:

- Create a Jupyter Notebook
- Create markdown cells with titles using deferent H style headings
- List Popular languages for Data Science
- List commonly used libraries used in Data Science
- List development environment open source tools in Data Science
- Create a code cell and evaluate arithmetic expression
- Create a code cell and convert minutes to hours

1.1 Author

Nkululeko Msomi

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[ ]:
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