DataScienceEcosystem

April 14, 2023

Add your code below following the instructions given in the course

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. R 2. SQL 3. Java 4. Python 5. Julia 6. Scala

Some of the commonly used libraries used by Data Scientists include: 1. scikit-learn 2. TensorFlow 3. PyTorch 4. Pandas

Data Science Tools
RStudio
Apache Spark
Hadoop

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

```
[1]: # This is a simple arithmetic expression to multiply then add integers.
     (3*4)+5
```

```
[1]: 17
```

```
[2]: # This will convert 200 minutes to hours by dividing by 60.
     200/60
```

```
[2]: 3.3333333333333335
```

Objectives: - Create a Jupyter Notebook - Insert code and markdown cells - Share your notebook through GitHub - List popular libraries for Data Science - List popular languages for Data Science

1.1 Author

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```
[ ]:
```