Jupyter_Notebook

April 12, 2025

Add your code below following the instructions given in the course Data Science Tools and Ecosystem

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/C++ 6. JavaScript 7. Julia

Some of the commonly used libraries used by Data Scientists include: 1. NumPy 2. Keras 3. Pandas 4. PyTorch 5. SciPy 6. Scikit-Learn 7. TensorFlow 8. Matplotlib 9. Seaborn 10. Theano

Tools used in Data Science are:

```
[ ]: 1. Python
     2. R
     3. SQL
     4. TensorFlow
     5. Matplotlip
     6. Project Jupyter
     7. SAS
     8. PyTorch
     9. D3.js
     10. RapidMiner
     11. Julia
     12. MongoDB
     13. Keras
     14. Pandas
     15. Apache Hadoop
     16. KNIME
     17. Apache Spark
     18.BigML, Inc.
     19. Scikit-Learn
     20. Weka
```

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

```
[4]: 7+8
     2*5
     15/3
     (3*4)+5
```

[4]: 17

Multiply and add numbers

[1]: `(3*4)+5`

[1]: 17

Convert minutes to hours

[7]: `200/60`

[7]: 3.3333333333333335

List of the objectives

[ ]:
```
1. Types of languages using in data science
2. List of tools in data science
3. Libraries for data sciencee
4. Arithematic algorithums in Python
```

[ ]:
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