Data Science Tools and Ecosystem

This notebook is focused on exploring various data science tools and the broader ecosystem surrounding them, providing insights into their usage and capabilities.

Some of the popular languages that Data Scientists use are:

1. Python
2. R
3. SQL

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

1. NumPy
2. Pandas
3. Matplotlib
4. TensorFlow
5. Scikit-learn

Data Science Tools

Jupyter Notebook RStudio Spyder

Examples of evaluating arithmetic expressions in Python

The following examples show how to evaluate arithmetic expressions in Python using basic operators like addition, subtraction, multiplication, and division.

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

17

```python
In [2]: total_minutes = 200
        minutes_in_hours = 60
        hours = total_minutes/minutes_in_hours
        print(hours)
```

3.3333333333333335

Objectives:

- List popular languages for Data Science
- Explain the differences between supervised and unsupervised learning
- Show examples of data visualization using Python

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```python
In [ ]:
```