DataScienceEcosystem

January 3, 2025

Add your code below following the instructions given in the course

1 Data Science Tools and Ecosystem

1.1 Author

Shawn Nevala

In this notebook, Data Science Tools and Ecosystems are summarized.

Objectives: - List popular languages - List commonly used libraries - List data science tools - Provide examples

Some of the popular languages that Data Scientists use are: 1. Python 2. Java 3. C++

Some of the commonly used libraries used by Data Scientists include: 1. Pandas 2. Numpy 3. Matplotlib

Data Science Tools
Jupyter Notebook
RStudio
Watson

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

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

```
[2]: 17
```

```
[3]: # This will convert 200 minutes to hours by dividing by 60
     200 * (1/60)
```

```
[3]: 3.3333333333333335
```

```
[ ]:
```