

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

Data Science Tools and Ecosystem are summarized.

A data ecosystem is a collection of tools, technologies, and processes that are used to collect, store, analyze, and visualize data. It is a critical component of any data-driven organization, as it allows businesses to make better decisions based on the data they collect.

Some of the popular languages that Data Scientists use are: 1.Python 2.R 3.SQL 4.Java 5.Julia 6.Scala

Some of the commonly used libraries used by Data Scientists include: TensorFlow 1.NUMPY 2.SciPy 3.Pandas 4.Matplotlib 5.Keras 6.SciKit-Learn 7.PyTorch

Data Science Tools

1. JULIA
2. R Programming 3.Jupyter Notebook 4.Apache Flink 5.Apache Spark 6.MATLAB

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

## **Addition**

```
print(1 + 2)
```

**Output: 3**

## **Subtraction**

```
print(5 - 3)
```

**Output: 2**

## **Multiplication**

```
print(2 * 3)
```

**Output: 6**

## Division

```
print(6 / 2)
```

**Output: 3.0**

This a simple arithmetic expression to multiply then add integers

```
(3*4)+5
```

17

This will convert 200 minutes to hours by diving by 60

```
minutes = 200  
hours = minutes / 60  
print(hours)
```

3.3333333333333335

List popular languages for Data Science *Python* R *SQL* Java *Julia* Scala *C/C++* JavaScript  
\*Swift

## AUTHOR

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