

DataScienceEcosystem

March 22, 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

Objectives:

- Languages for Data Science
- Libraries used in Data Science
- Data Set Licenses
- Open Source Tools for Data Science

1.1 Some of the popular languages that Data Scientists use are:

1. Python
2. SQL
3. R

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

1. TensorFlow
2. NumPy
3. Pandas

Data Science Tools	Jupyter	R Studio	Spyder
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1.2.1 Below are a few examples of evaluating arithmetic expressions in Python

```
[3]: print("This is a simple arithmetic expression to multiply then add integers:")
```

This is a simple arithmetic expression to multiply then add integers:

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

```
[4]: 17
```

```
[7]: print("This will convert 200 minutes to hours by dividing by 60:")
```

This will convert 200 minutes to hours by dividing by 60:

```
[8]: # Division Operation  
200/60
```

```
[8]: 3.3333333333333335
```

1.3 Author

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```
[ ]:
```