

# DataScienceEcosystem

July 14, 2023

## 1 Data Science Tools and Ecosystem

### 1.1 Author:

Sarah Hammerl

In this notebook, Data Science Tools and Ecosystem are summarized

**Objectives:** - List popular languages for Data Science - List popular libraries for Data Science - How to create lists in Jupyter Notebook

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. Pandas 2. NumPy 3. TensorFlow

---

Data Science Tools

---

Jupyter Notebook   RStudio   Google Colab

---

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

```
[1]: (3*4)+5  
# This is a simple arithmetic expression to multiply then add integers.
```

```
[1]: 17
```

```
[2]: # This will convert 200 minutes to hours by dividing by 60  
200/60
```

```
[2]: 3.3333333333333335
```

```
[ ]:
```