

DataScienceEcosystem

January 19, 2025

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

The objectives of this Course is

- to know about the some popular languages that Data Sciencetists use
- what are the common librarries that are used in Data Analysis
- how we can create a table in an enviroinment
- some basic arithimatic expressions etc.

Some of the most popular Data Science Languages, that Data Scientists use are: 1. SQL 2. Python 3. R 4. Oracle

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

1. NumPy
2. Pandas
3. GGplot

Data Science Tools

Apache Hadoop
Apache Spark
Tabealu

1.0.1 Below are a few examples of evaluating arithmetic expressions in Python.

This a simple arithmetic expression to mutiply then add integers.

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

```
[1]: 17
```

Writing an expression that converts 200 minutes into hours

```
[2]: (200/60)
```

[2] : 3.333333333333335

1.1 Author

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