



Add your code below following the instructions given in the course

Tools for data science

Introduction to the Jupyter notebook interface

Data Science Language

1. Python
2. R
3. SQL
4. Scala
5. C++
6. Ruby

Data Science libraries in python

1. Numpy
2. pandas
3. Sklearn
4. Matplotlib
5. Seaborn

Data Science tools

1. Data Management Tools:MySQL,PostgreSQL,MongoDB
2. Data Integration and Transformation Tools:Apache Airflow,Apache Kafka.
3. GitHub
4. Jupyter Notebooks and R studio

Arithmetic Operations

We can easily perform arithmetic operations by using simple arithmetic operations

`a=5`

`b=4`

`c=a+b`

we will get output as 9

arithmetic operations example:

```
In [2]: a=5  
        b=4  
        c=a+b  
        d=a*b
```

```
In [16]: c/d
```

```
Out[16]: 0.45
```

```
In [3]: c
```

```
Out[3]: 9
```

```
In [4]: d
```

```
Out[4]: 20
```

```
In [13]: minutes=65  
        # this will return the hours value only and will not return remaining minuter  
        hours=minutes//60  
        minutes=minutes%60
```

```
In [14]: hours,minutes
```

```
Out[14]: (1, 5)
```

Data Science libraries in python

- Python
- R
- Scala
- SQL
- Hadoop

Nisha

```
In [ ]:
```