

# Worksheet

Name: .....  
Roll No: ..... Class: ..... Section: .....  
Date: .....

## DATA SCIENCE

### Chapter-4

#### 1. Fill in the blanks.

- ..... is the process of using the skills of programming, mathematics and statistics together to find meaningful information from the given data.
- ..... is the most frequent value that occurs in a given dataset.
- ..... is used for data visualisation in Python.
- K-NN stands for .....

#### 2. Identify errors in the following code and rewrite the correct code:

```
import as plt matplotlib.pyplot
m1 = [31,34,36,42,40,23,39]
m2 = [34,45,23,44,12,16,35]
plt.scatter(m2, m2, c='red')
plt.title('Scatter plot')
plt.xlabel('marks 1')
plt.ylabel('makrs 2')
plt.show()
```

#### 3. Give any two advantages of KNN Model.