3.1.4) Info of the dataset
3.1.5) Summary of the dataset

3.1.1) Head of the Dataset

```
# Display first five records
heart_data.head()

# Display last five records
heart_data.tail()
```

3.1.2)The Shape of Dataset

```
# number of rows and columns in the dataset
heart_data.shape
```

3.1.3)List types of columns

```
heart_data.dtypes
```

3.1.4)Info of Dataset

```
# getting some info about the data
heart_data.info()

# checking for missing values
heart_data.isnull().sum()

# Statistical Summary
heart_data.describe()

# checking the distribution of Target Variable
heart_data['target'].value_counts()
```

1 --> Defective Heart

0 --> Healthy Heart

Step 4: Split the data frame in X & Y

```
X = heart_data.drop(columns='target', axis=1)
Y = heart_data['target']

X.head()

Y.head()
```

Step 5: Applying Feature Scaling

Various Data Scaling Techniques:

1. Normalizer