Problem Statement 1:Graphical user interface, application

Description automatically generated

Here I have imported pandas, numpy and matplotlib.pyplot and then I have read the dataset.

Graphical user interface, application

Description automatically generated

Here I have described the dataset.

Table

Description automatically generated with low confidence

Here I have given command called head() for viewing the top five rows of the dataset.

Graphical user interface

Description automatically generated with medium confidence

Table

Description automatically generated

Table

Description automatically generated

Here I have viewed the dataset individually by using the above commands.

Chart, scatter chart

Description automatically generated

Chart, scatter chart

Description automatically generated

Graphical user interface, chart

Description automatically generated

Here I have used scatterplot for width and height and then used scatterplot for mass and color\_score by using the matplotlib.pyplot function.

Graphical user interface, text, application, email

Description automatically generated

Table

Description automatically generated

Graphical user interface, chart, scatter chart

Description automatically generated

Here I have build a classifier using KNN and then figure out the best value of k with highest r\_score.