ASSIGNMENT 1 COMP\_SCI-5530-0001

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1.

Chart

Description automatically generated

This graph is about the data based on race ethnicity having five groups

Group A – Frequency 89

Group B – Frequency 190

Group C – Frequency 319

Group D – Frequency 262

Group E – Frequency 140

Group C has the highest frequency whereas Group A has the lowest .

2

2.1

Chart, box and whisker chart

Description automatically generated

This graph shows the Distribution math score based on sex.

Here we considered Male and Female in the graph male has the highest math score where as female has the lowest.

2.2

Chart, box and whisker chart

Description automatically generated

This graph shows the boxplots of reading score VS gender

Here female shows the highest reading score compared to men

2.3

Chart, box and whisker chart

Description automatically generated

This graph shows the boxplots of writing score Vs gender

Female shows a bit high writing score than men

3.

Chart, scatter chart

Description automatically generated

This graph illustrates the correlation math score and Reading score.

Yellow shows the female and light green shows the male

4.

Chart, histogram

Description automatically generated

In this image we have 3 graphs distribution of math score , distribution of reading score and distribution of writing score.

5.

Chart, bar chart

Description automatically generated

This graph illustrates the comparison about female and male students.