**PDS ASSIGNMENT Q2**

**Data Visualization 1**

A graph of a graph showing the average scores

Description automatically generated with medium confidence

In the above diagram, the parent level of education vs average score of math score, reading score, and writing scores obtains the average score of 68(math score).

A master's degree obtains an average of 70 which is the highest in the math score and writing possess the highest among all of the average scores

**Data Visualization 2**

A graph with blue dots

Description automatically generated

With a student's gender on the x-axis and their matching writing score on the y-axis, each point on the plot represents a distinct student.

**Data Visualization 3:**

A graph of two people

Description automatically generated

This graph shows the count of scores for each gender. Female counts 380 scores and male counts about 170

**Data Visualization 4:**

A pie chart with a green and blue circle

Description automatically generated

This pie chart represents the distribution of lunch for standard versus free/reduced which 35 percent for free/reduced.

**Data visualization 5:**

A graph of a bar chart

Description automatically generated with medium confidence

It represents the average of total scores versus parental level of education. For high school it obtains 180 average total score.