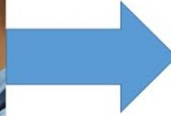
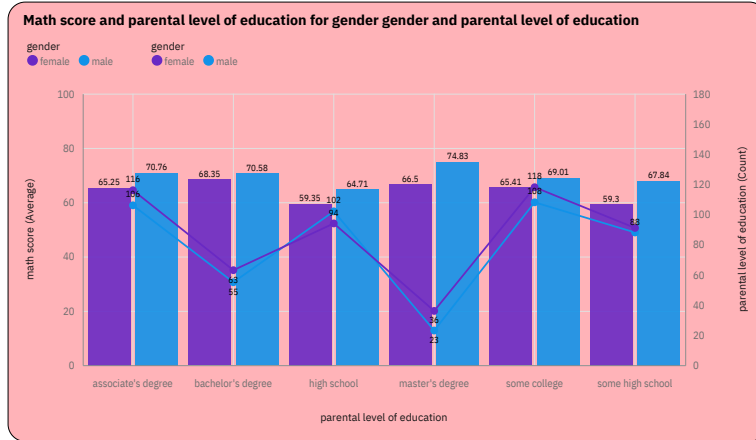


Unleashing the Potential of Our Youth: A Student Performance Analysis



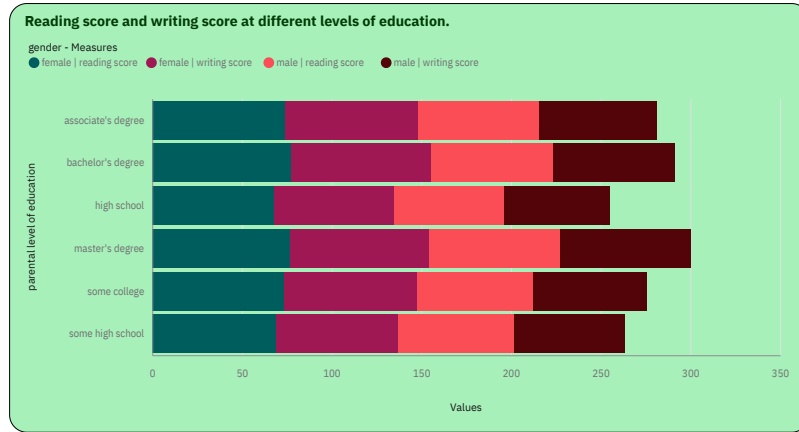
Line and Column Chart

- From the given Line and Column chart we can see that the level of education master's degree has the highest values of both math score and reading score.
- Reading score and math score diverged the most when gender is female, and when reading score was 8.975 higher than the math score



Stacked Bar

- From the given Stacked Bar we can see that the Averages values of writing and reading score ranges from 58.54 occurring at high school to 78.38 at Bachelor's Level



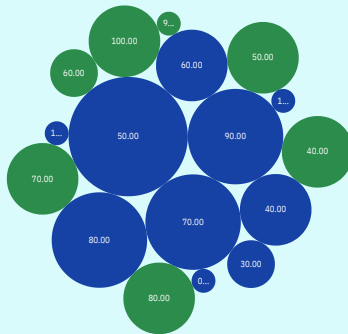
Bubble Chart

- From the given Bubble Chart we can see that the Math Score at 50 has the highest race ethnicity due to female
- The overall Number Of Results are 95

Math score colored by test preparation course sized by race/ethnicity



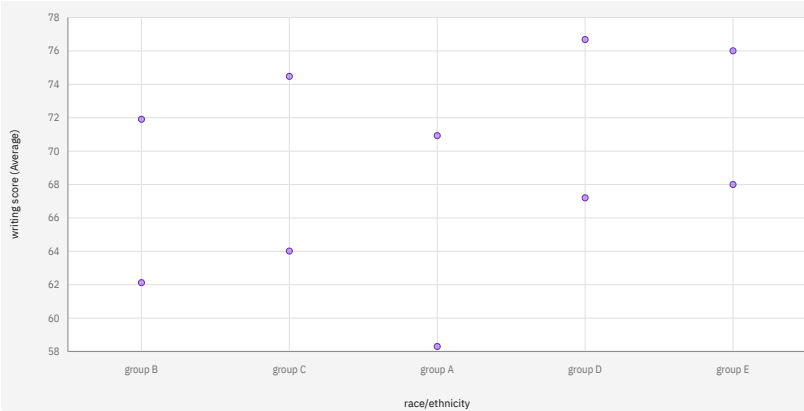
test preparation course
● completed ● none



Scatter Chart

- From the Given Scatter Chart Gender female has the highest writing score at 360.2, out of which race/ethnicity group E contributed the most at 75.54.
- The average values of writing score range from 58.28, occurring when race/ethnicity is group A, to 76.66, when race/ethnicity is group D.

race/ethnicity by writing score with points for test preparation course



Waterfall

- From the given Waterfall we can see that the Math score is unusually low when parental level of education is high school.
- The average values of math score range from 62.14, occurring when parental level of education is high school, to 69.75, when parental level of education is master's degree.

math score for parental level of education

Column values
● Increase ● Decrease ● Total

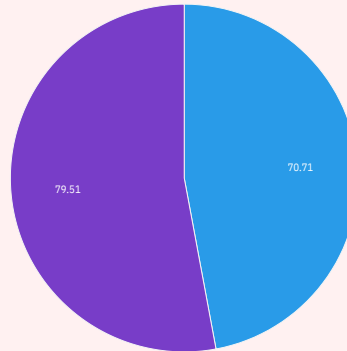


Pie Chart

- From the given Pie Chart we can see that Over all genders, the average of reading score is 75.92.
- The average values of reading score range from 70.71, occurring when gender is male, to 79.51, when gender is female.

Reading score by gender

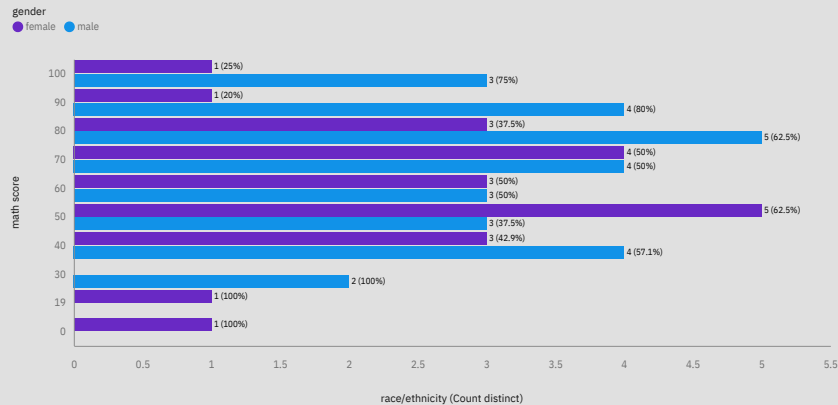
gender
● male ● female



Bar Chart

- From the given bar chart we can see that the Gender female has the highest values of both race/ethnicity and reading score and math score 100 has the highest Average reading score

Race/ethnicity by math score colored by gender



Line Chart

- From the Given Line Chart we can see that the total number of results for race/ethnicity, across all parental level of education, is a thousand.
- The total number of results for reading score, across all parental level of education, is a thousand.

Maths score at different levels of education

