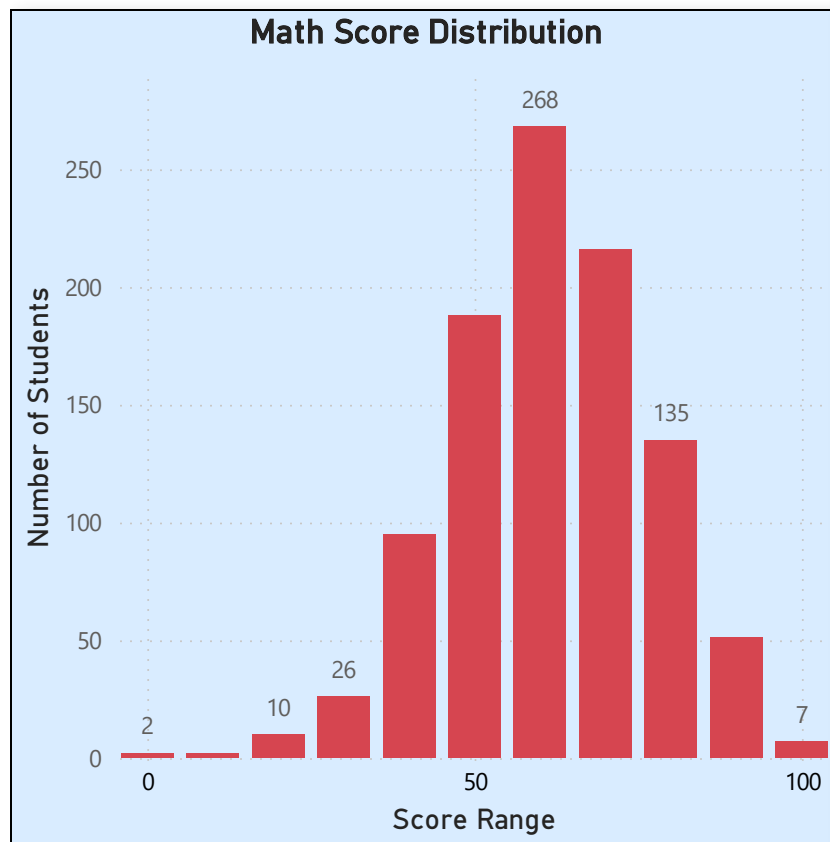


# Distribution of Scores

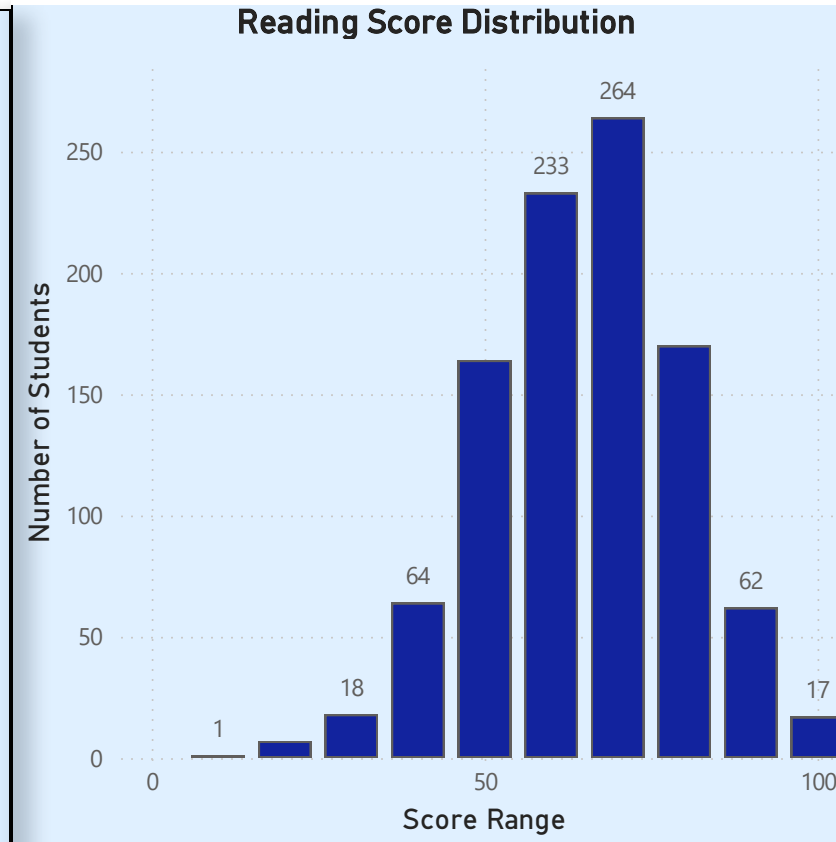
66.09

Average of Math Score



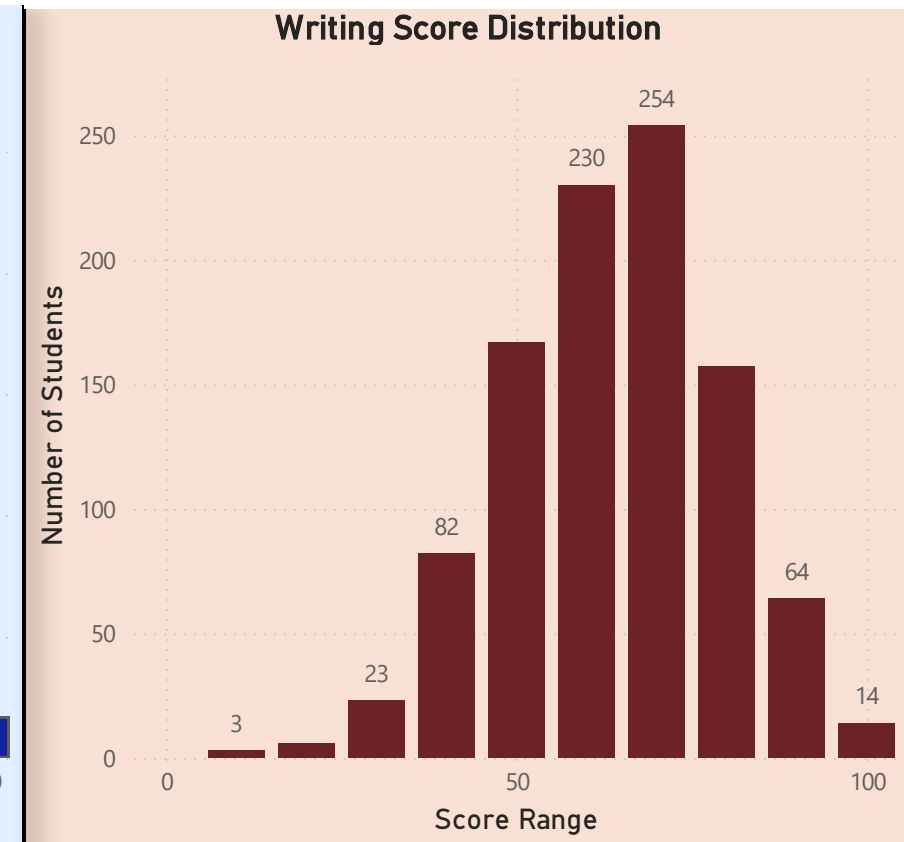
69.17

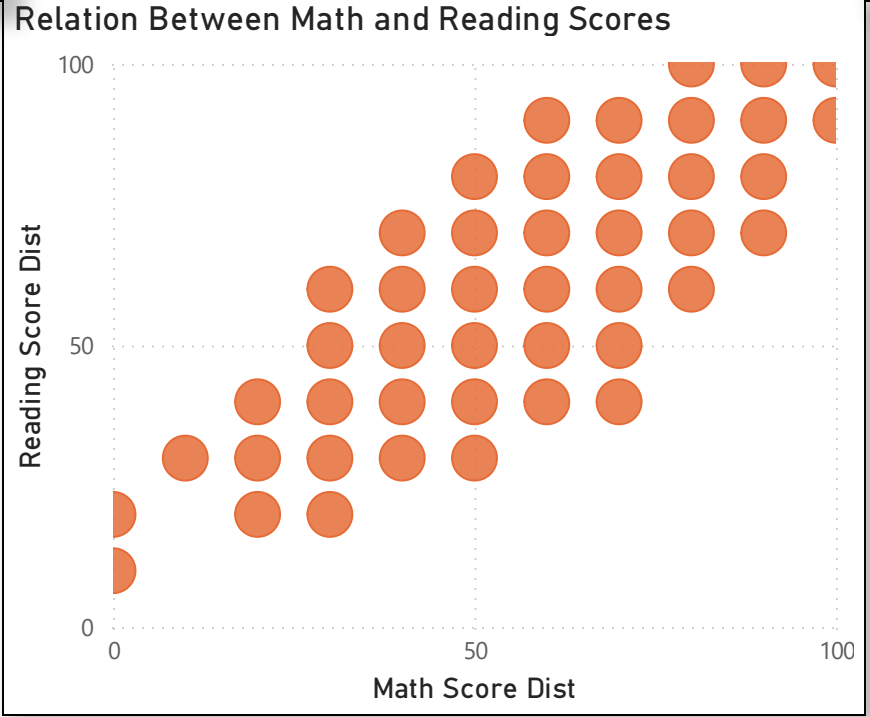
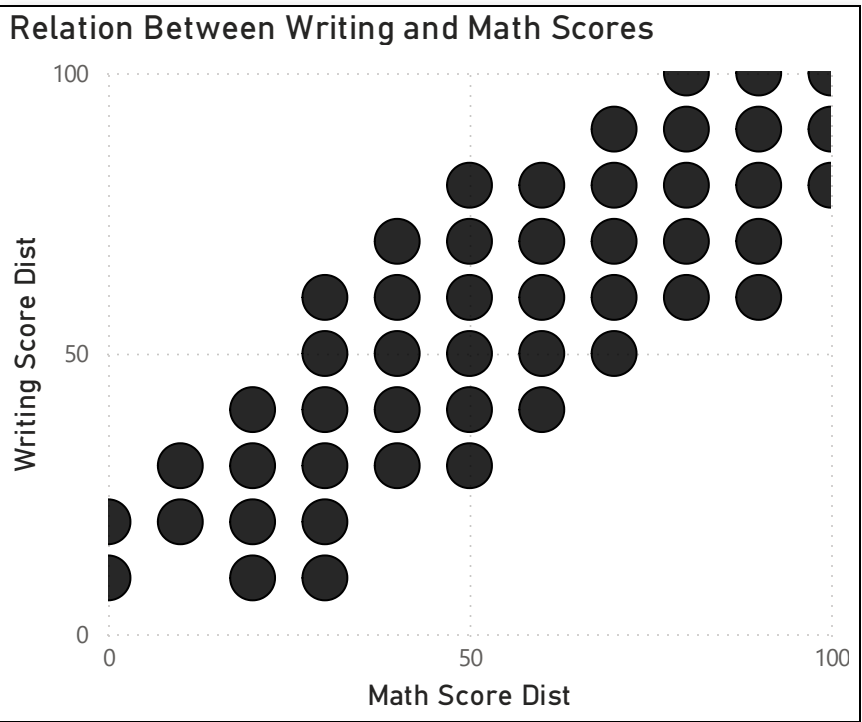
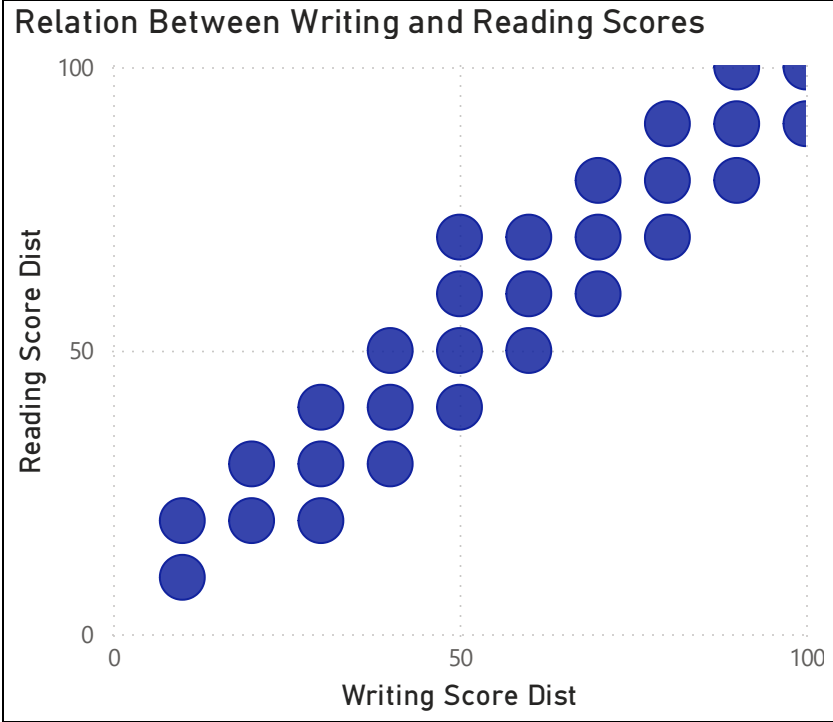
Average of Reading Score



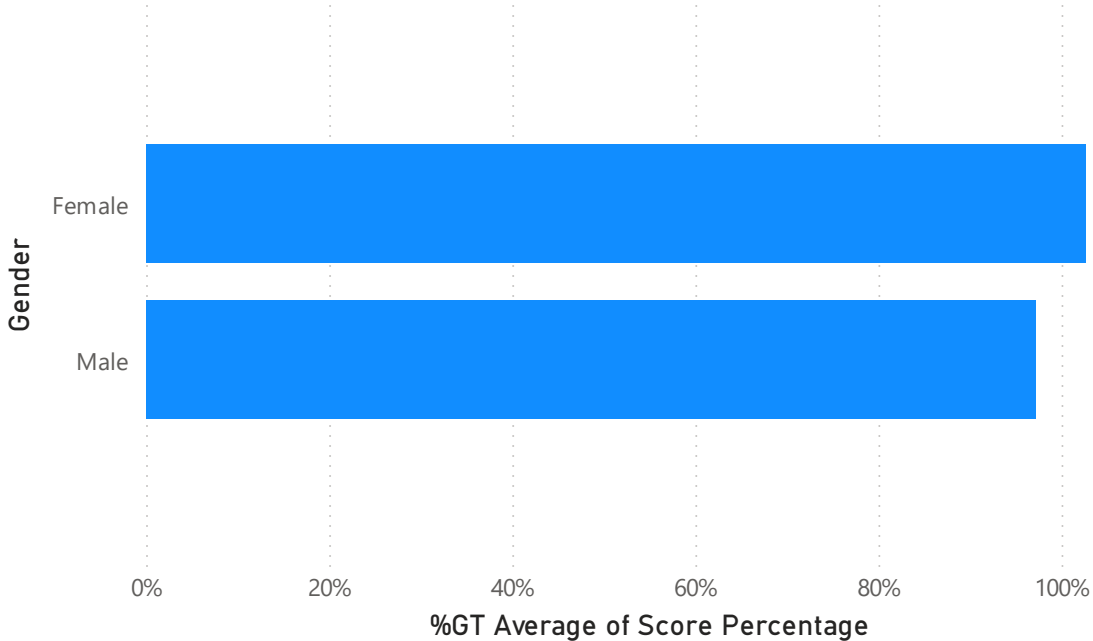
68.05

Average of Writing Score

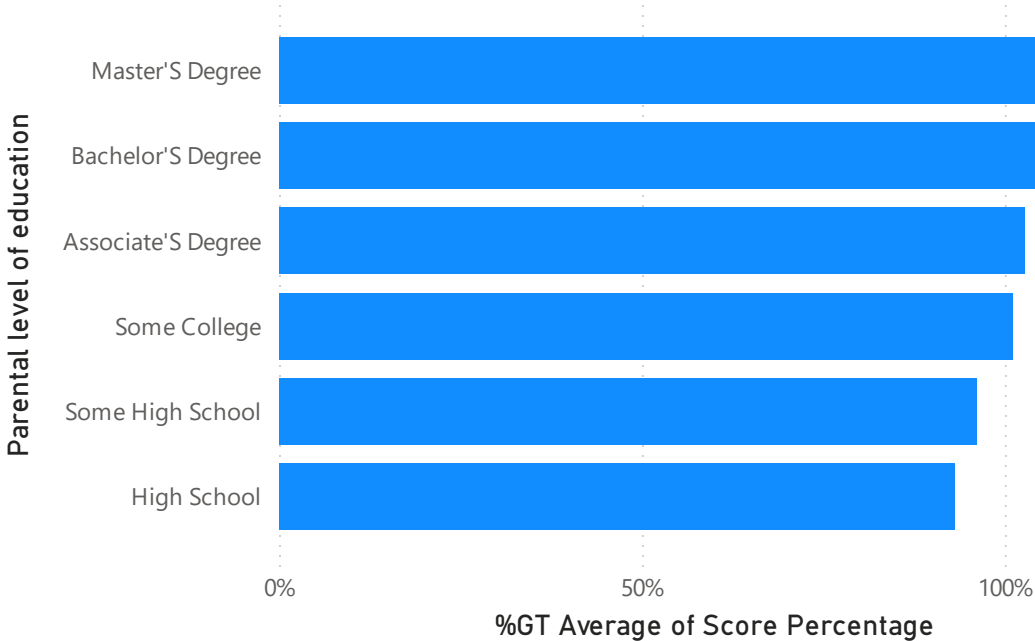




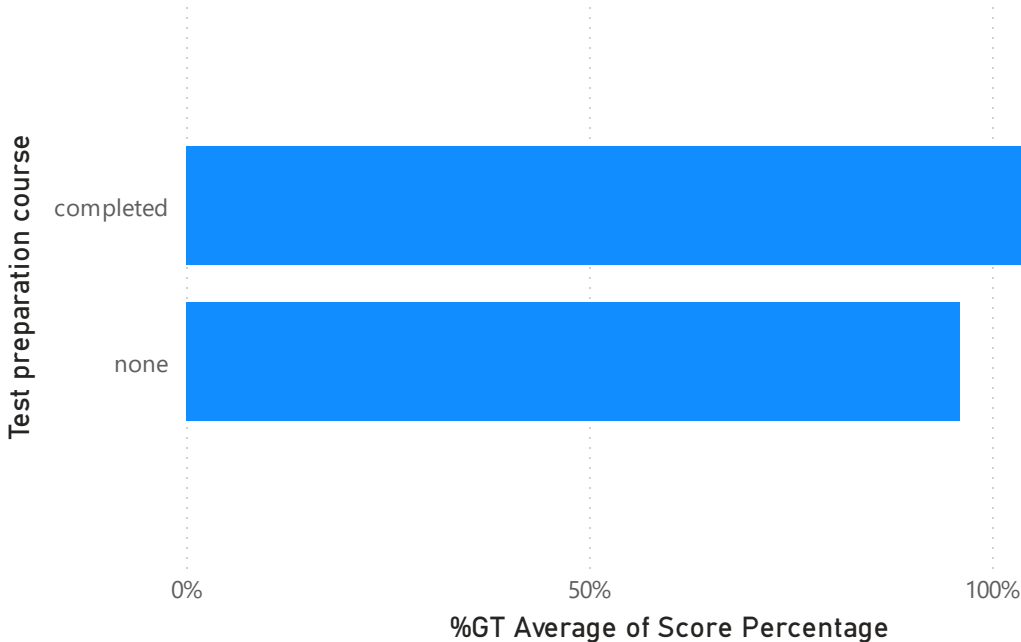
%GT Average of Score Percentage by Gender



%GT Average of Score Percentage by Parental level of education



%GT Average of Score Percentage by Test preparation course



Average of Math Score

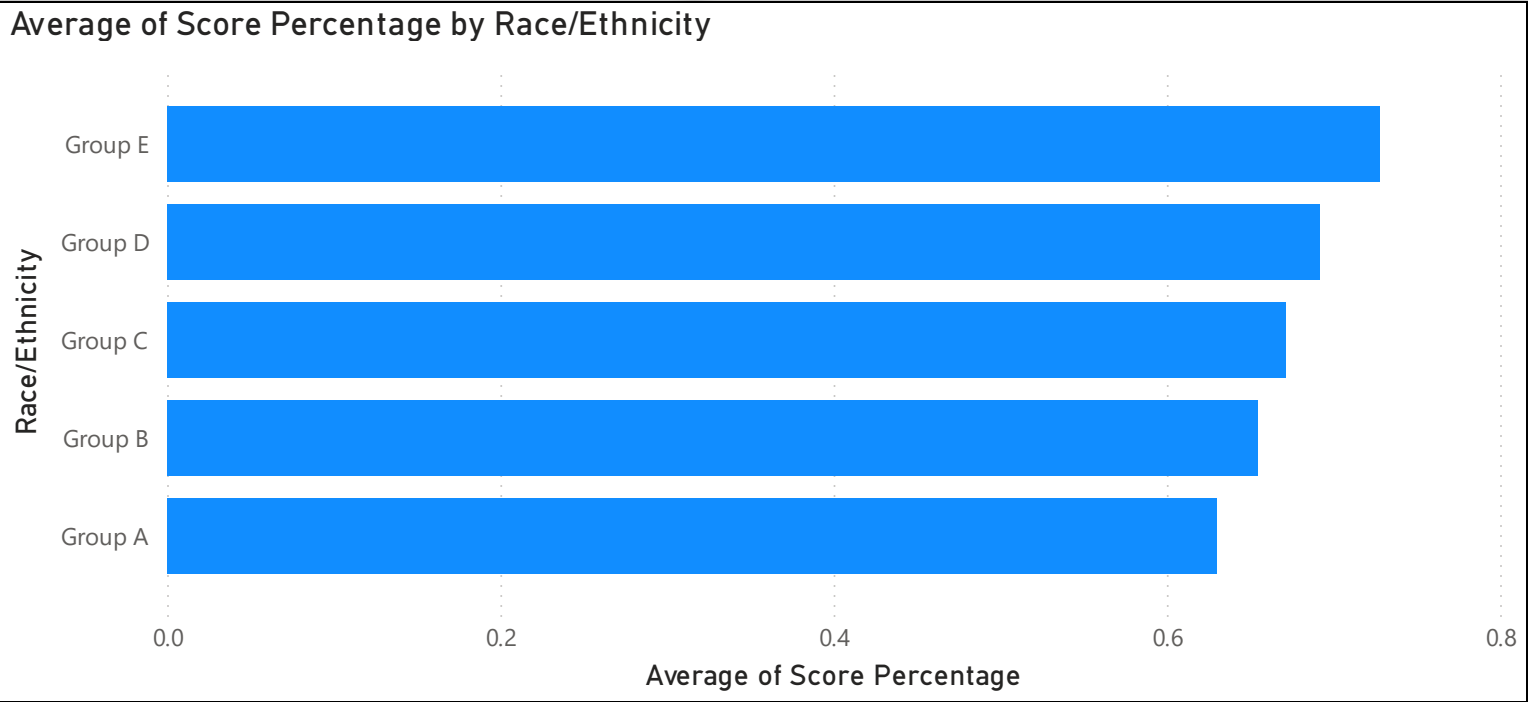
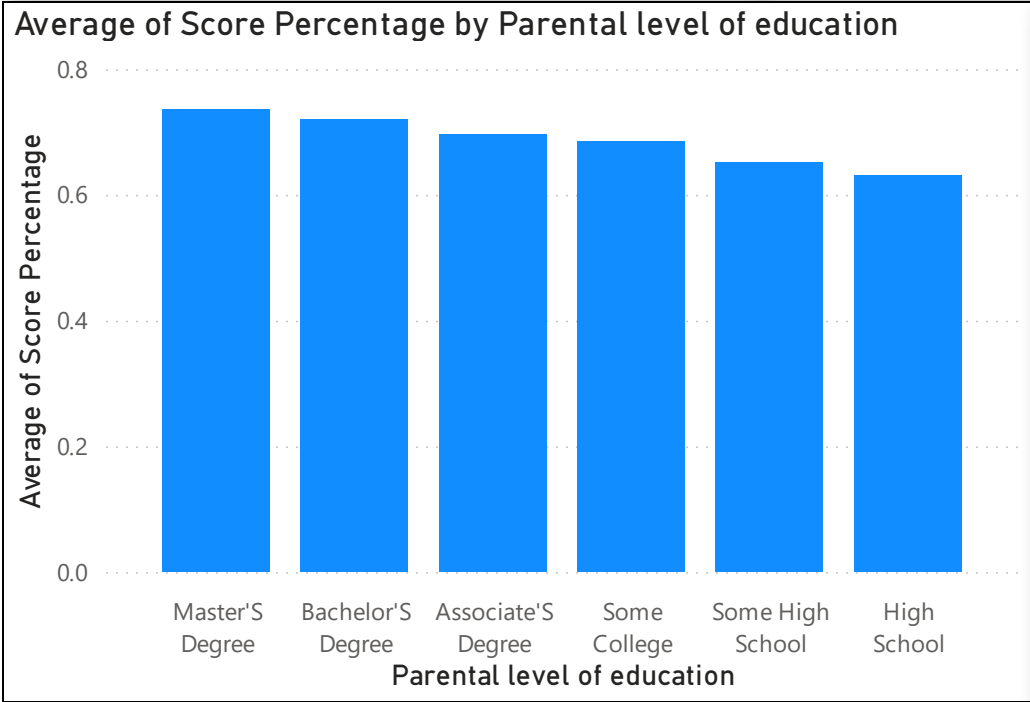
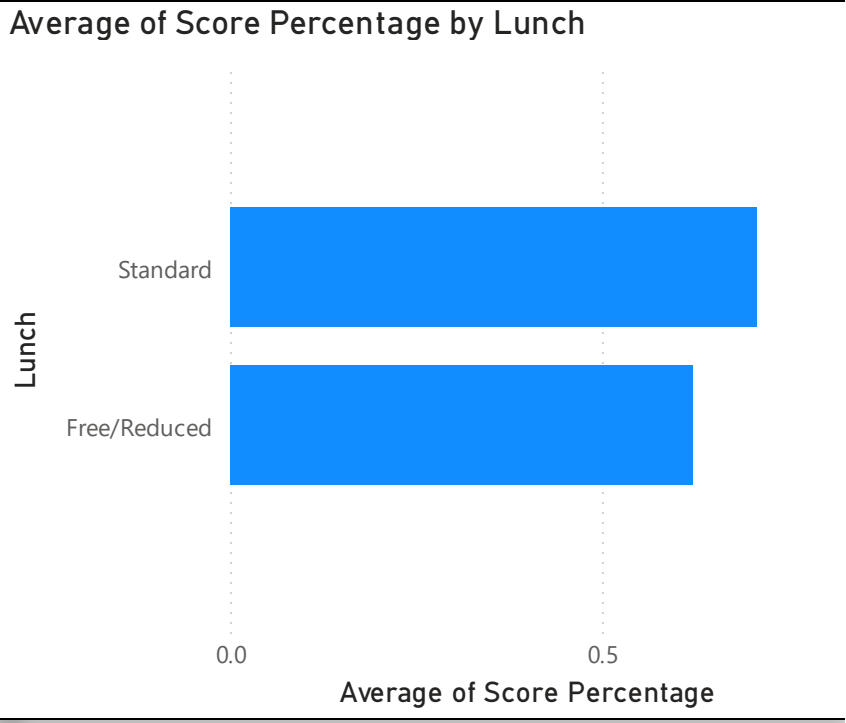
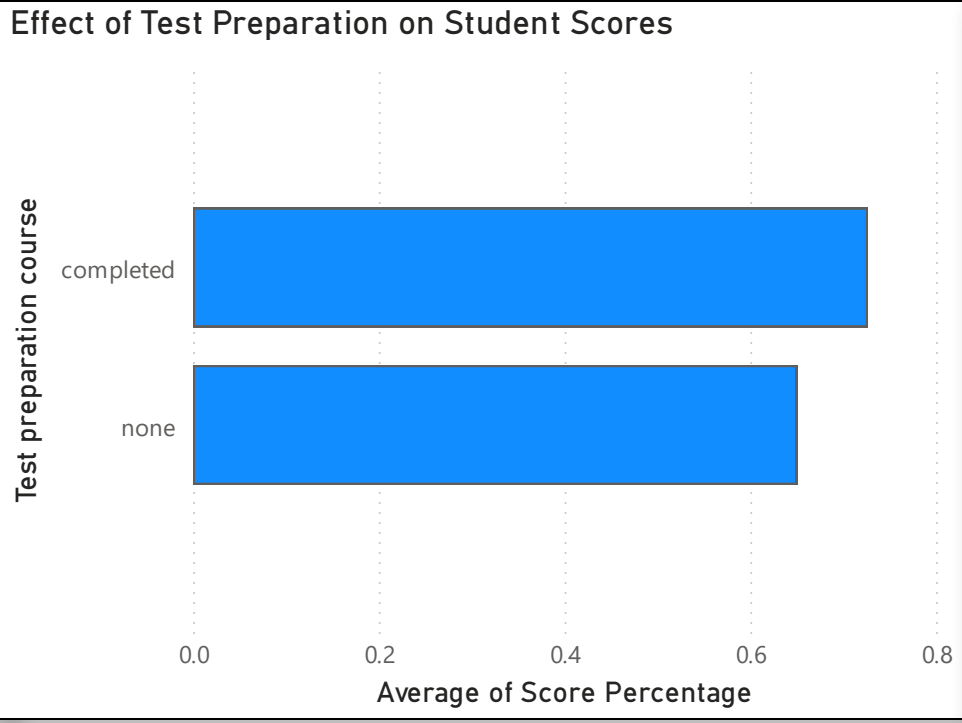
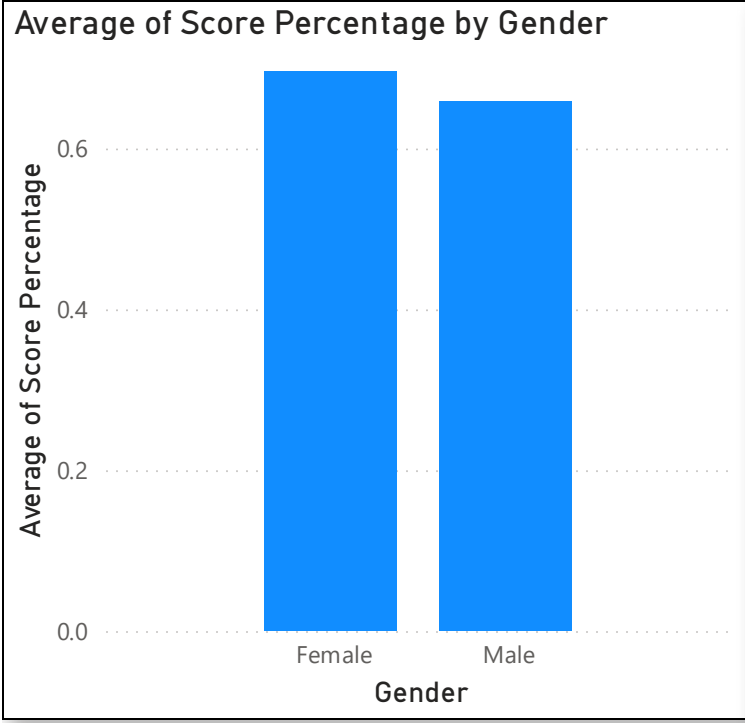
66.09

Average of Reading...

69.17

Average of Writing...

68.05



Average of Each Subject



Student Performance Analysis Dashboard

Exploring how background and preparation affect student results

Overall Total

203.31

Total Students

1K

Gender

All

Parental level of education

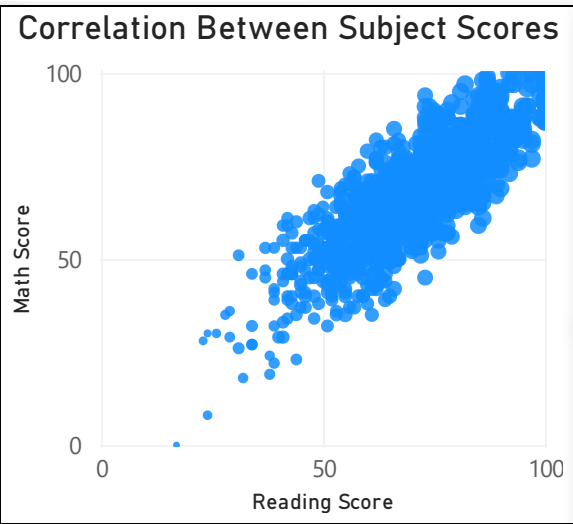
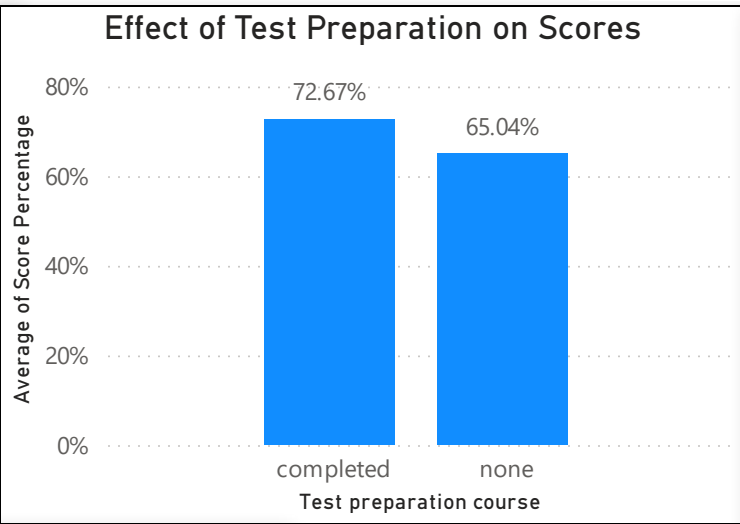
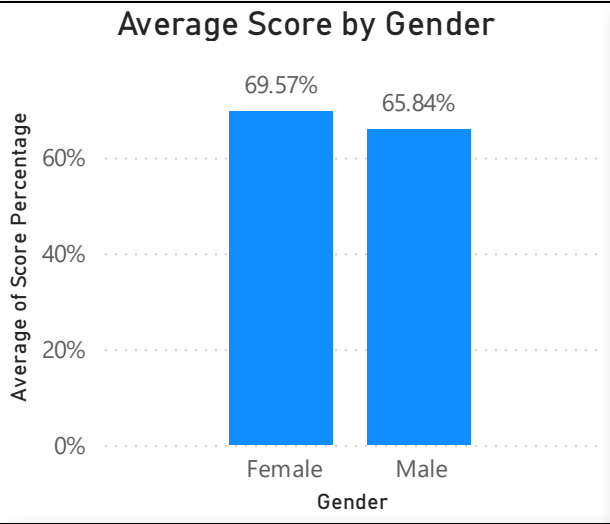
All

Lunch

All

Test preparation course

All



Test Preparation Participation Rate

Test preparat...

none

completed

Gender	Average of Math Score	Average of Reading Score
Female	63.63	68.73
Male	68.73	63.63
Total	66.09	68.05

Performance Based on Lunch Type

Lunch	Average of Score Percentage
Standard	70.84%
Free/Reduced	62.20%

Average Scores by Parental Education

Parental level of education	Average of Score Percentage
Master'S Degree	73.60%
Bachelor'S Degree	71.92%
Associate'S Degree	69.57%
Some College	68.48%
Some High School	65.11%
High School	63.10%

Key Insights :

- Students with test preparation scored 12% higher
- Standard lunch students performed 9% better
- Higher parental education led to better scores
- Female students scored slightly higher overall
- Math and Reading scores are strongly correlated

Data Source: Kaggle - Students Performance in Exams Data set Visualization by Lakshmi Narayana Reddy Mandi