

Total Students

Count of math_score

1K**Average Writing Score**

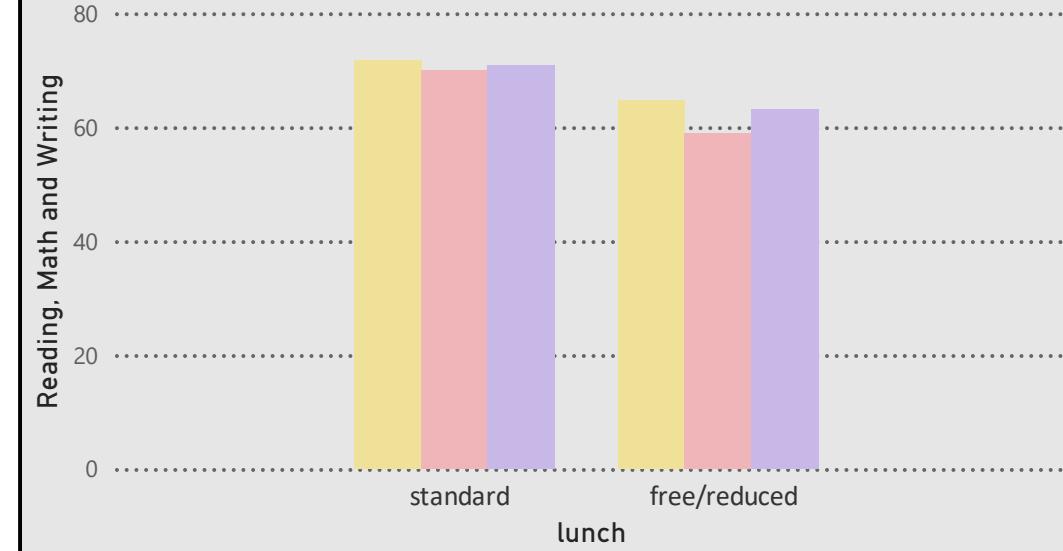
Average of writing_score

68.05**Average Reading Score**

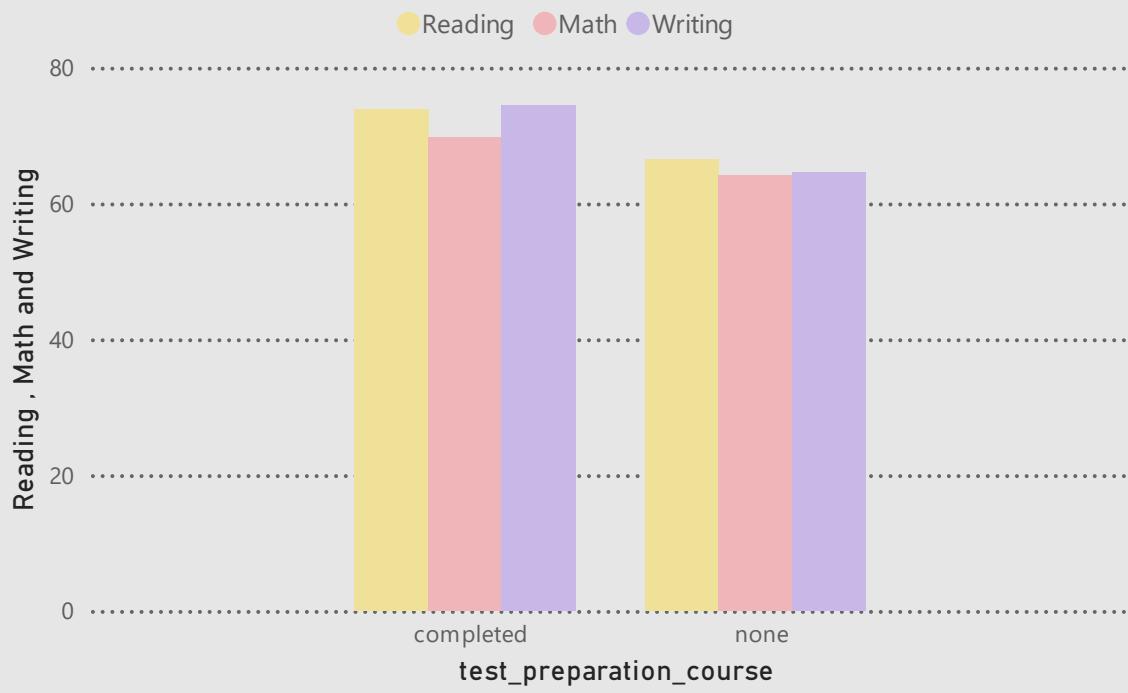
Average of reading_score

69.17**Average Math Score**

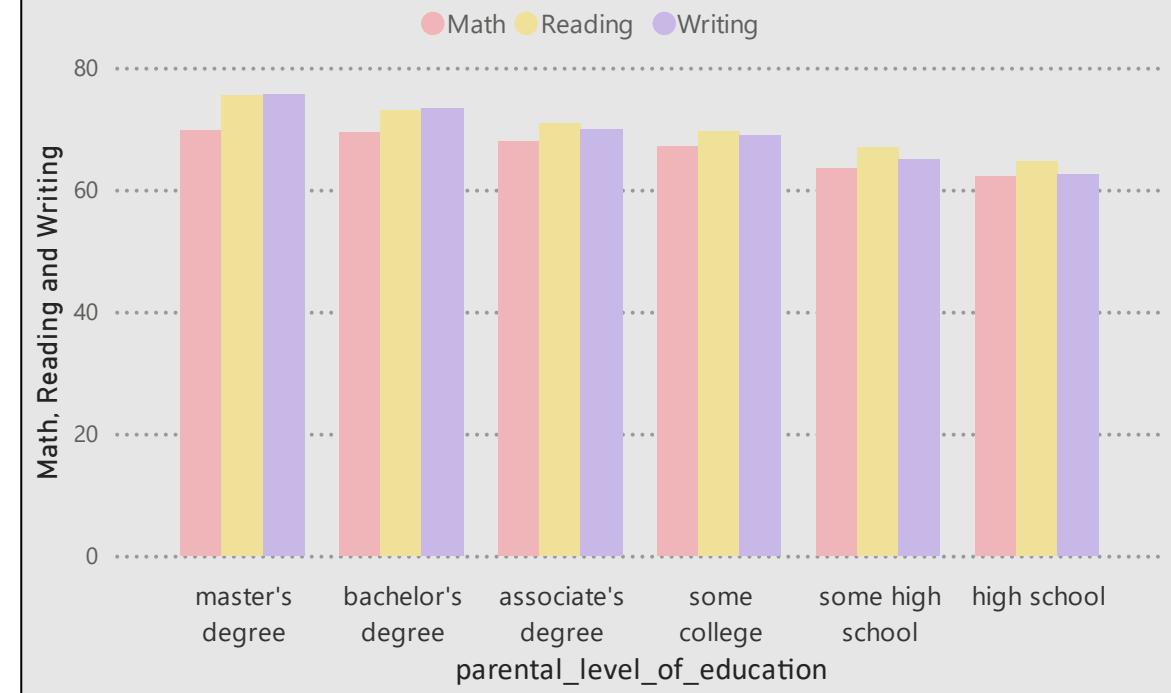
Average of math_score

66.09**Average Score by Gender**
● Math
 ● Reading
 ● Writing
**Socioeconomic Effect on Performance**
● Reading
 ● Math
 ● Writing


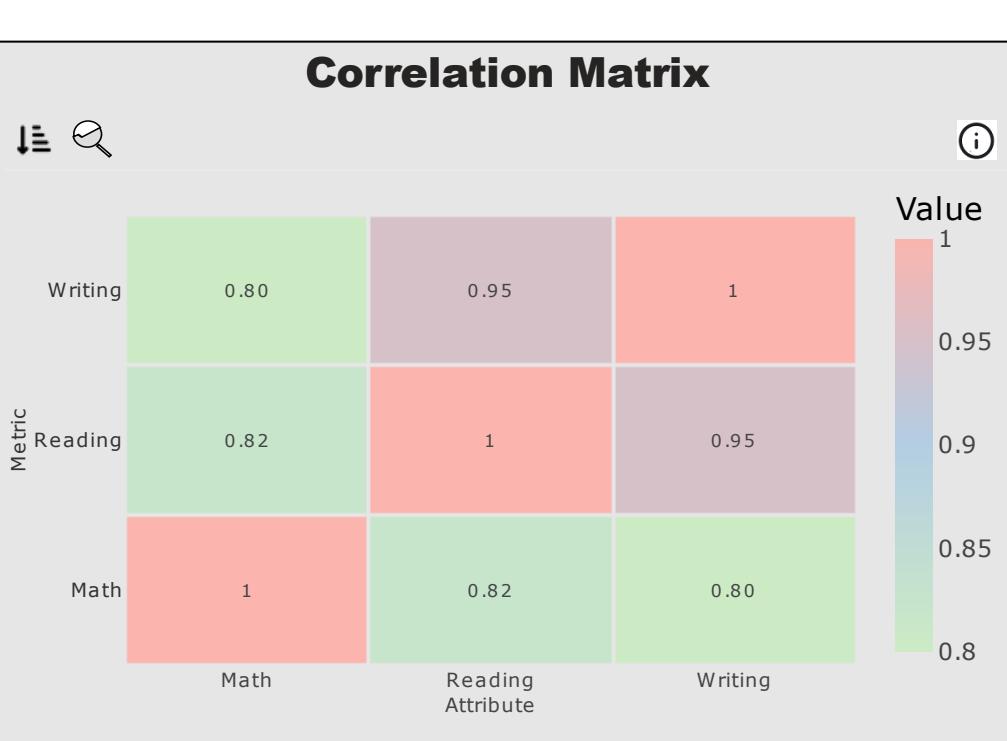
Effect of Test Preparation Course



Parental Education vs Student Score



Correlation Matrix



KEY INSIGHT SUMMARY

- Females score higher in Reading and Writing, while males score higher in Math
- Students with standard lunch outperform those with free/reduced lunch by 10+ points across all subjects — indicating socio-economic impact.
- Students who complete the test preparation course score significantly better in all subjects.
- Higher parental education strongly correlates with higher student performance — Master's degree parents → highest scores.
- Reading and Writing have a very strong correlation (0.95), while Math also correlates well (~0.80)