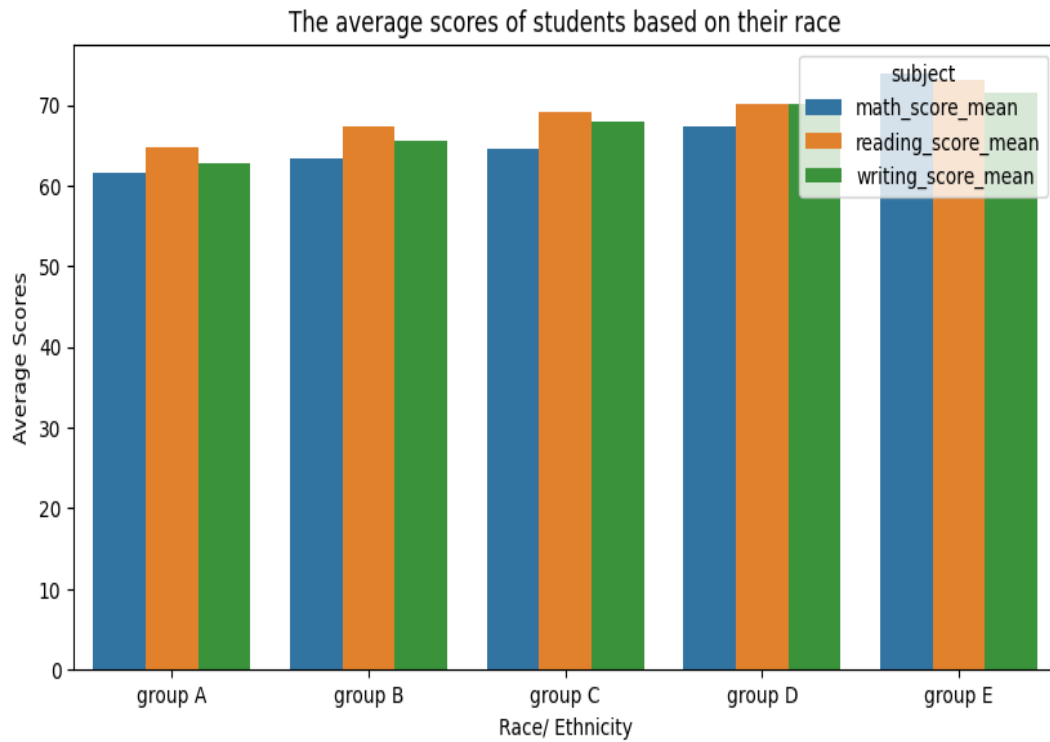
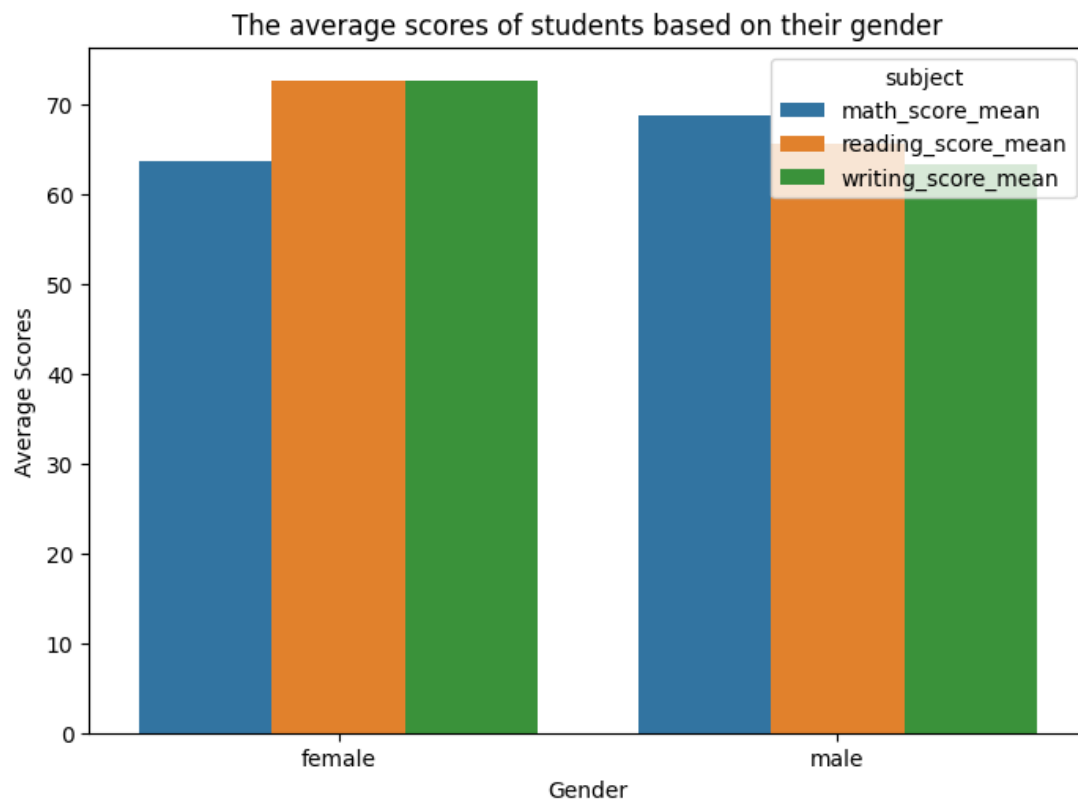


## Visualizations & Outcomes

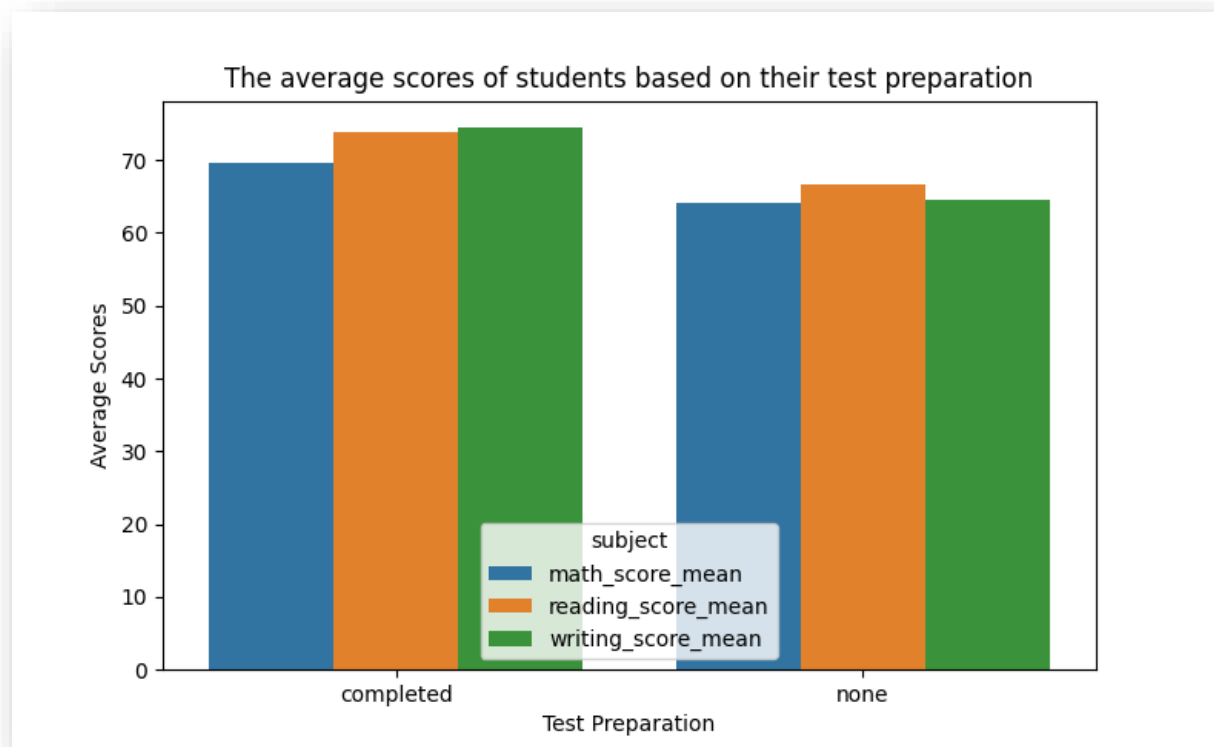


Based on the bar graph analysis, students in group E consistently demonstrate the highest average scores across all subjects compared to students in other race/ethnicity groups.

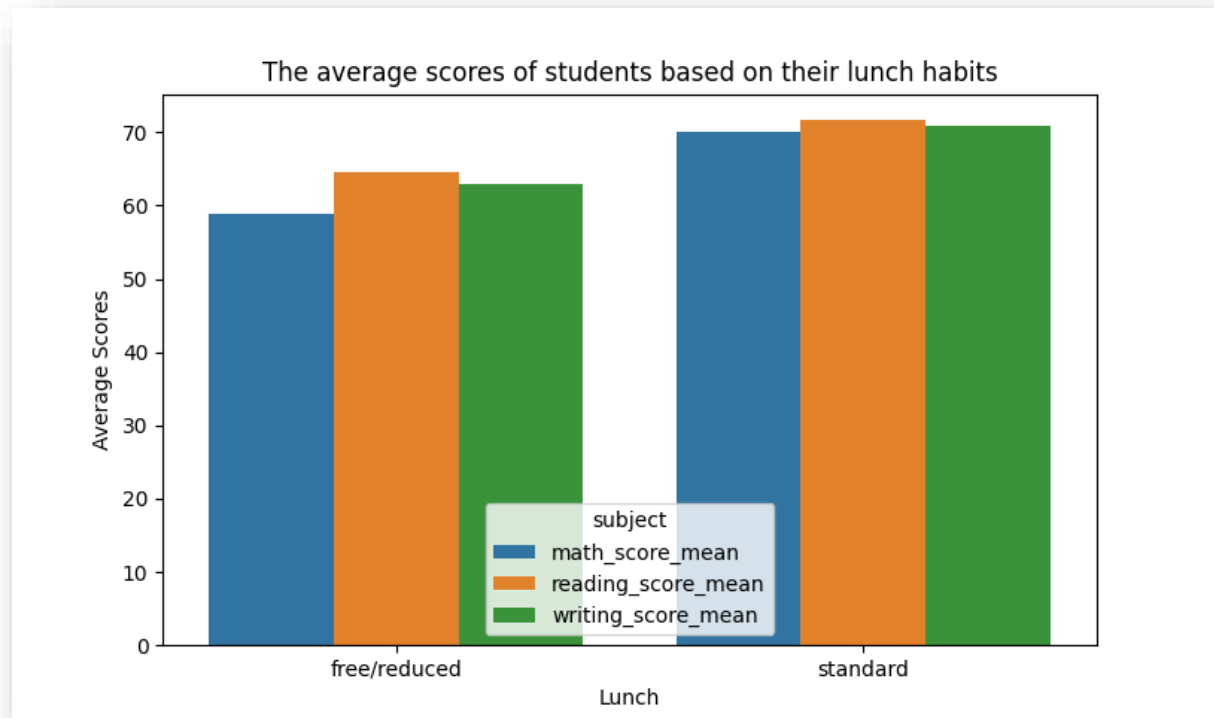


Based on gender, female participants exhibited higher average scores in reading and writing, while male participants showed higher average scores in math.

## Visualizations & Outcomes

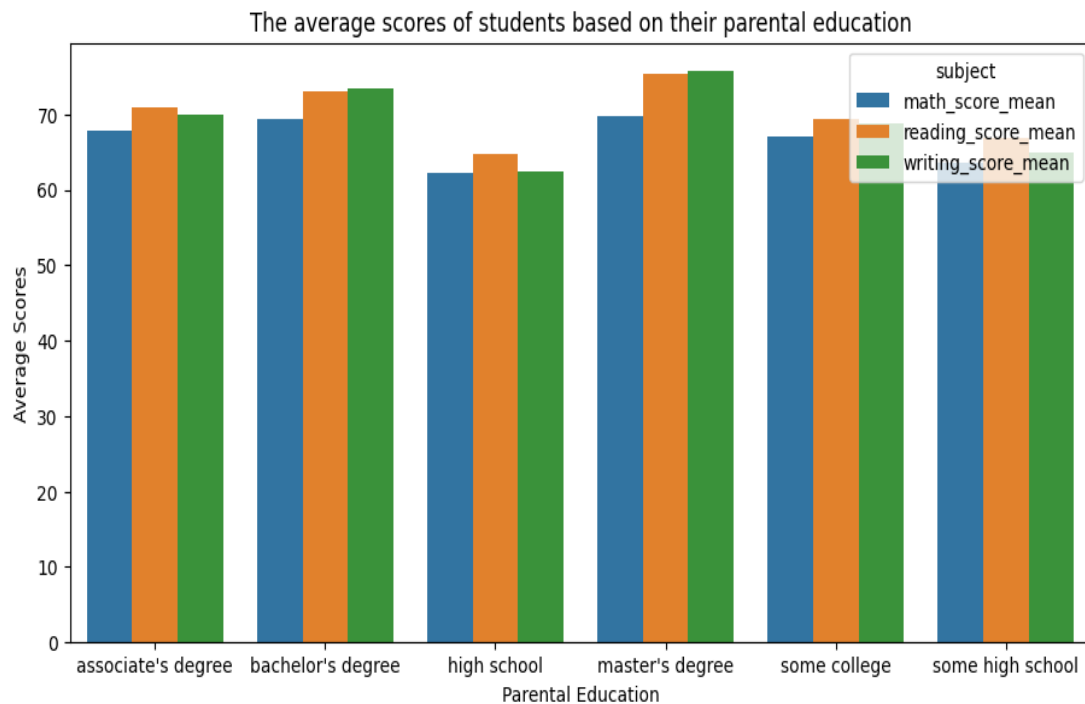


The visualization above illustrates that students who were adequately prepared obtained higher scores in all subjects as opposed to those who did not prepare before taking the test.



Based on an analysis of students' lunch choices, those who selected a standard lunch option tended to exhibit stronger academic performance across all subjects when compared to students who enjoyed free or reduced meals.

## Visualizations & Outcomes



Finally, there is evidence to suggest that students' academic performance is influenced by the level of education attained by their parents. The bar graph above illustrates that students whose parents hold bachelor's and master's degrees achieved higher scores compared to their peers.