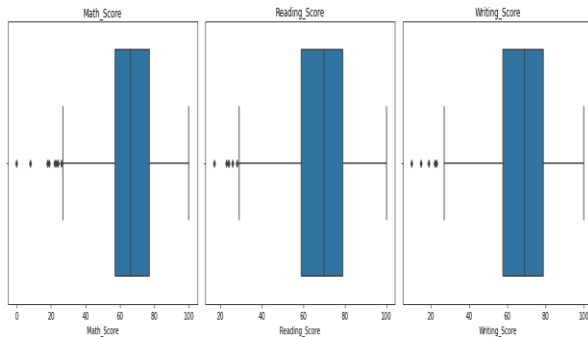
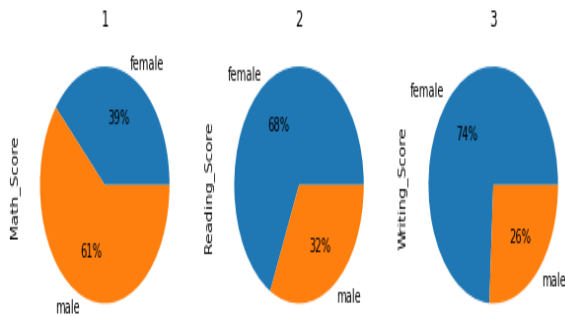


## Analysis of Student Performance

For each year the data includes gender, ethnicity, parental level of education, lunch, test preparation course, math score, reading score and writing score. The dataset contains information on 1000 students in total. An extensive analysis has been conducted and the most interesting findings are given below.

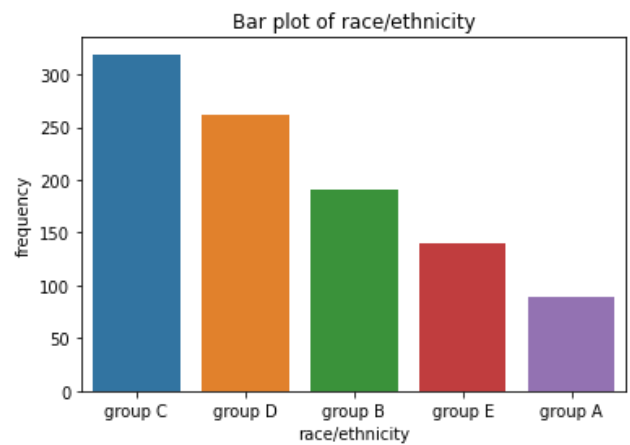


In comparison to math, student performance in each of the remaining scores is good. Coming to male and female distribution in scores

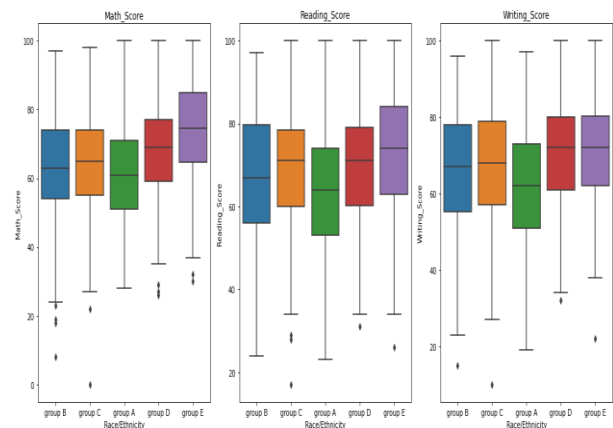


a larger number of males scored more than 80% in mathematics compared to the females while a larger number of females scored more than 80% in Reading and Writing. All students are not comes under same ethnicity so first I am going to evaluate the ethnicity of students from analysis basically we know that

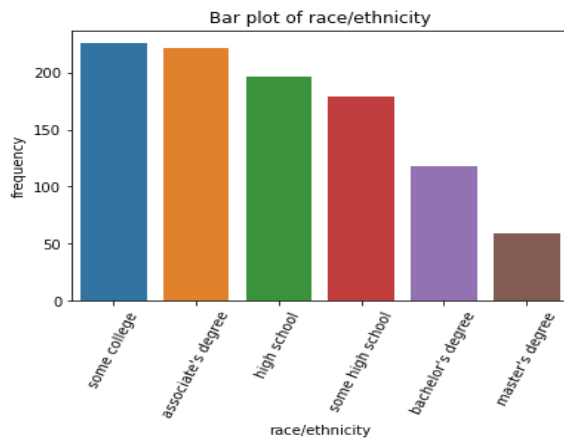
group c student count is more compared to remaining group and only few number of students are belongs to group a.



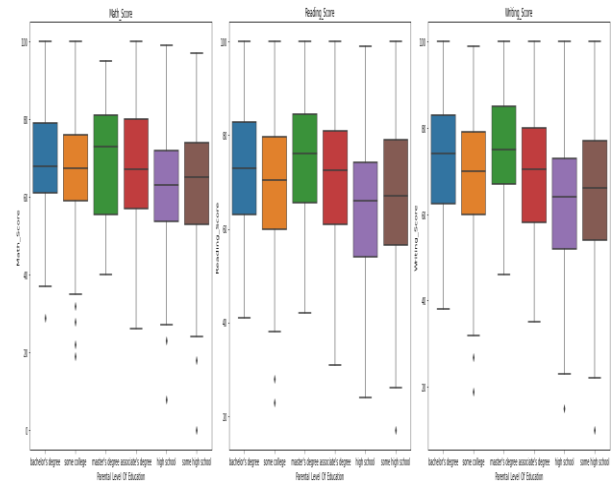
The in-depth analysis of ethnicity and scores revealed that students from Group E performed better than the other groups. In the writing section, Groups D and E performed similarly.



In the analysis of parent level education only a smaller number of parents finished the master's degree. Majority of parents comes under some college and associate degree.



An analysis of parent level education and scores shows that students with parents who have master's degrees performed better than the remaining students.



Based on these results, we can conclude that females are better writers and readers than males, and that parents holding master's degrees can help clarify student doubts while studying at home, leading to better performance on tests.

*Reference: Dataset Sourced from Kaggle.com*