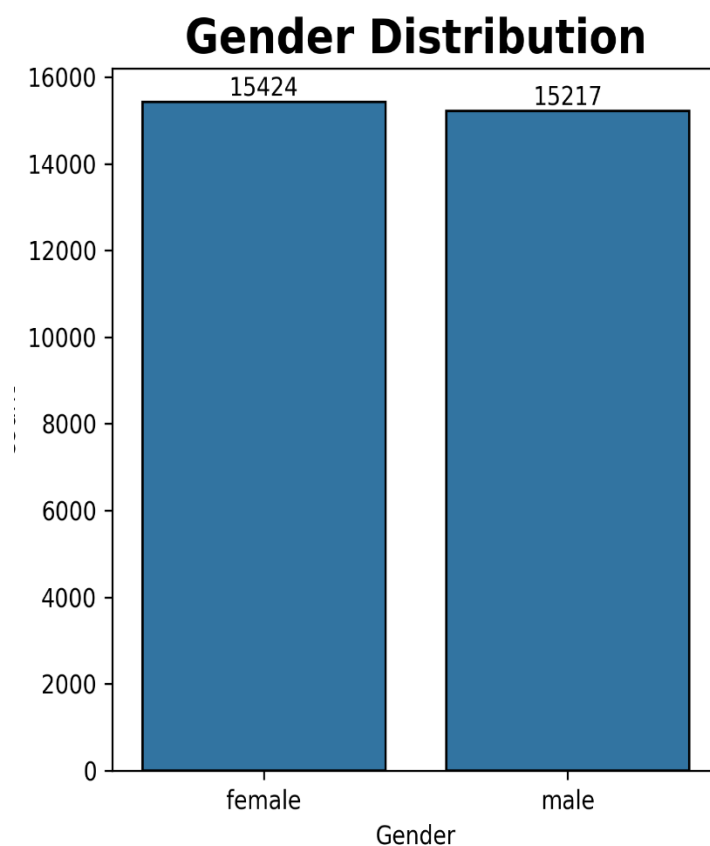


Report Of Student Exam Score Data Analysis

This report represents the complete analysis of the performance of students in their exams. Heading towards the first analysis :

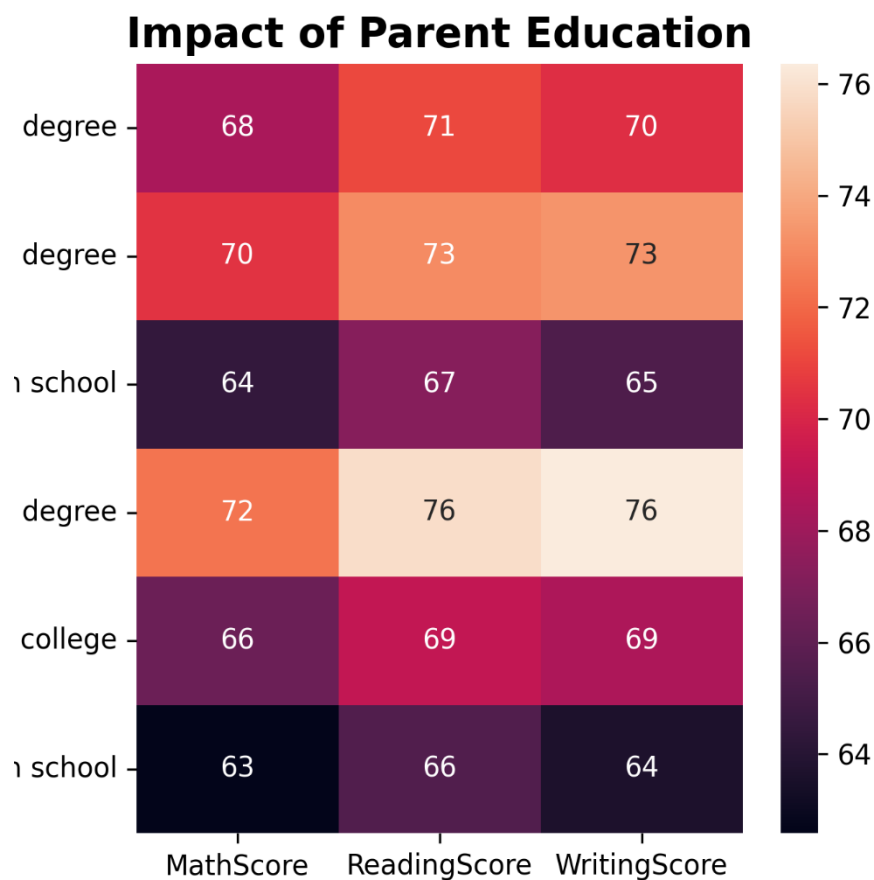
1. Gender Distribution :

Here the graph shows that, females hold major portion than the males therefore the proportion of females is higher as compared to males.



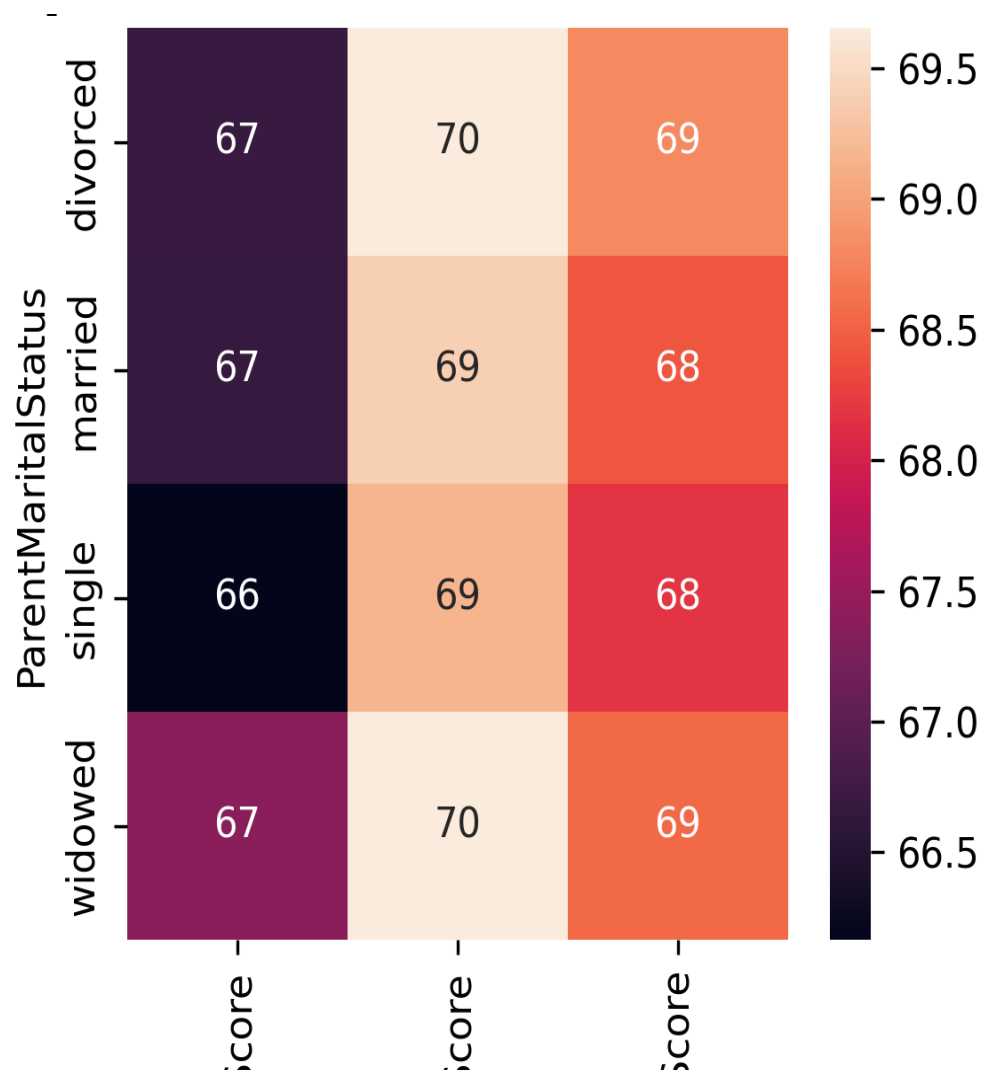
2. Impact of Parent's Education on His / Her Child :

This Heatmap shows the relationship between the parent's education and the mean marks of a student in each subject. We can see that students with higher marks belong to parents with higher education , while on the other side students with lower or below average marks belong to parents with decent or lower education. This analysis concludes that parent's education have a high impact on students academic results.

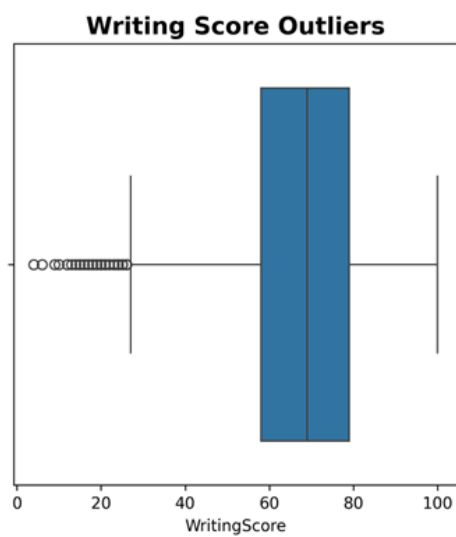
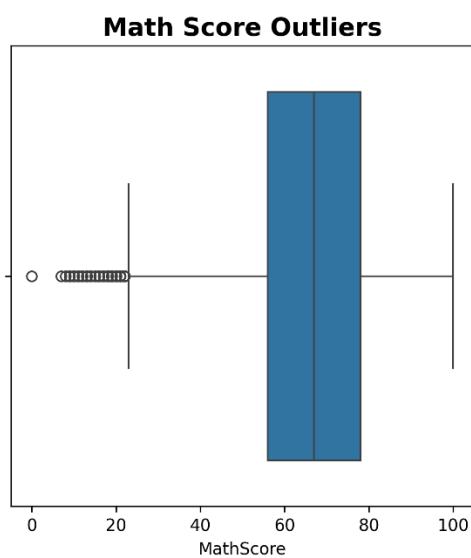
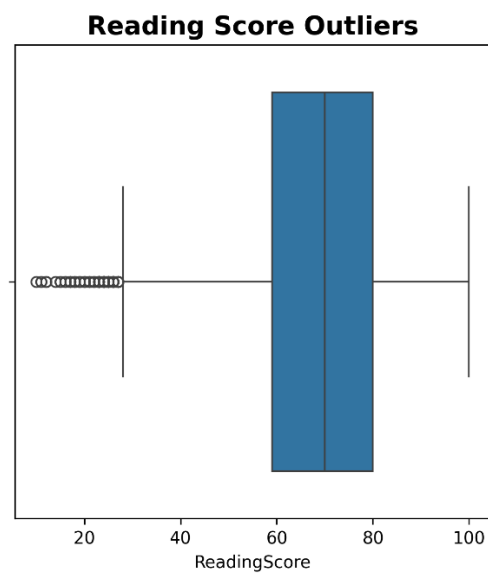


3. Impact of Parent's Marital Status :

This Heatmap shows the relationship between the parent's marital status and the mean marks of a student in each subject. Here we can see there's not much impact of marital status of parents on student's scores. So we can conclude that marital status of parent's do not have a higher impact on student's academic score.



4. Plots showing the outliers of each subject :



5. Distribution of Ethnic Groups :

The below pie chart demonstrates that Group C hold the major portion in the Ethnic Group Distribution as compared to other groups.

