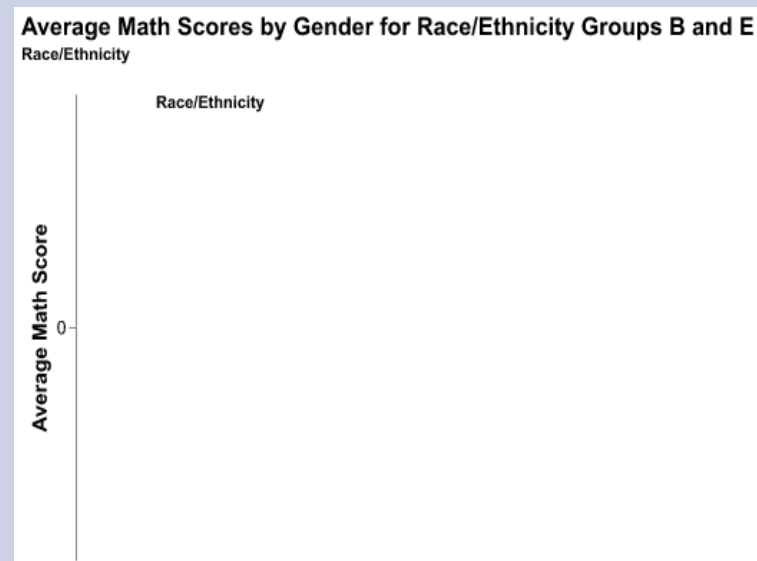


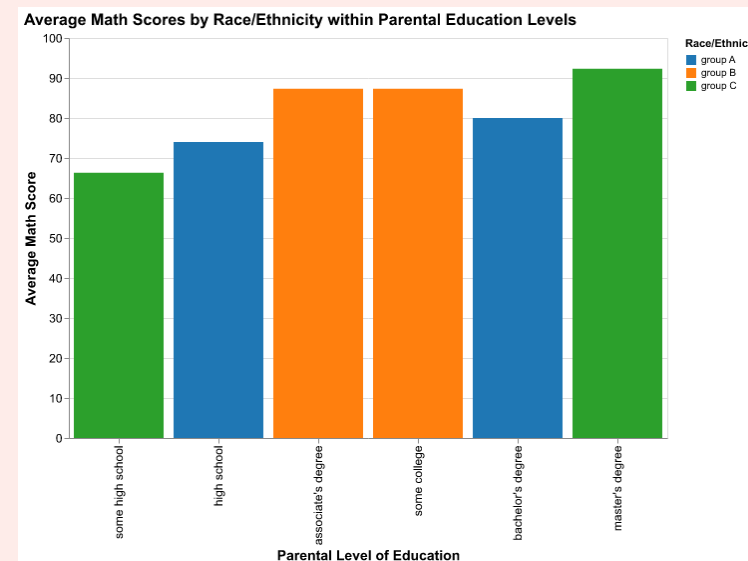
## Introduction

This study explores how race, gender, and parental education affect math scores. Visualizations compare scores by race and gender, and by parental education levels. The goal is to understand diversity in math performance and test preparation participation.

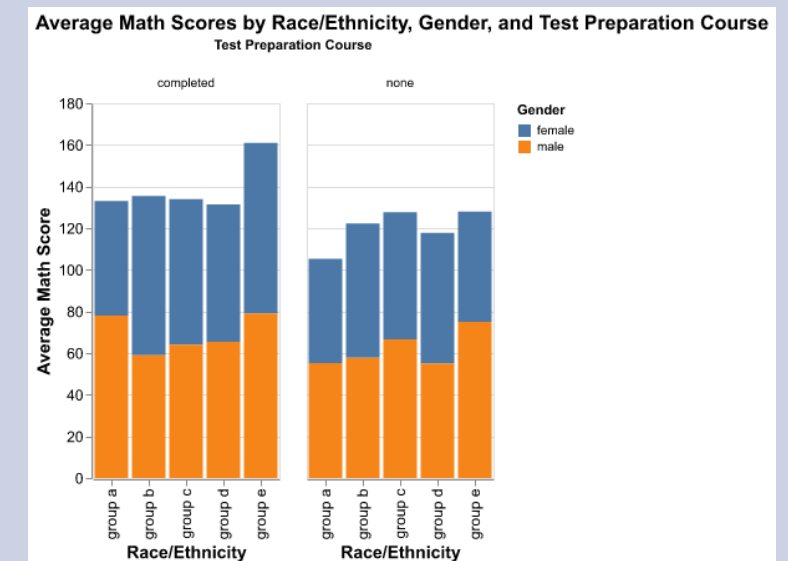
# How Do Race, Gender, and Parental Education Shape Math Success?



The chart shows worldwide movie revenues for Drama and Thriller, not math scores by race/ethnicity or gender.



Math scores vary by race/ethnicity within each parental education level, generally increasing with higher parental education.



Math scores differ by race/ethnicity, gender, and test preparation, with course completion generally boosting scores.

## Conclusion

This study shows math scores vary by race and gender, influenced by parental education. Scores increase with higher parental education across races. Test preparation participation generally improves math performance. Differences exist in math scores by race, gender, and test preparation. Understanding these factors highlights diversity in math achievement. Encouraging test preparation may help close performance gaps. Parental education plays a key role in shaping math success. These insights emphasize tailored support for diverse student groups. This poster reveals how race, gender, and parental education collectively influence math outcomes.