

# Differences in Student Exam Scores

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# Agenda

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- Objectives
- Student Demographics
- Test Preparation Course
- Additional Factors
- Conclusions and Recommendations

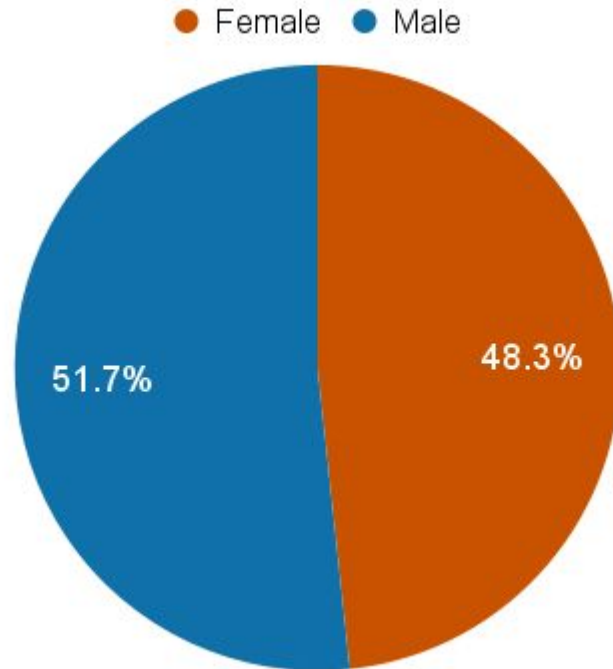
# Objectives

1. Examine differences in exam scores between students who took an exam preparation course and students who did not.
2. Examine other factors related to exam scores.



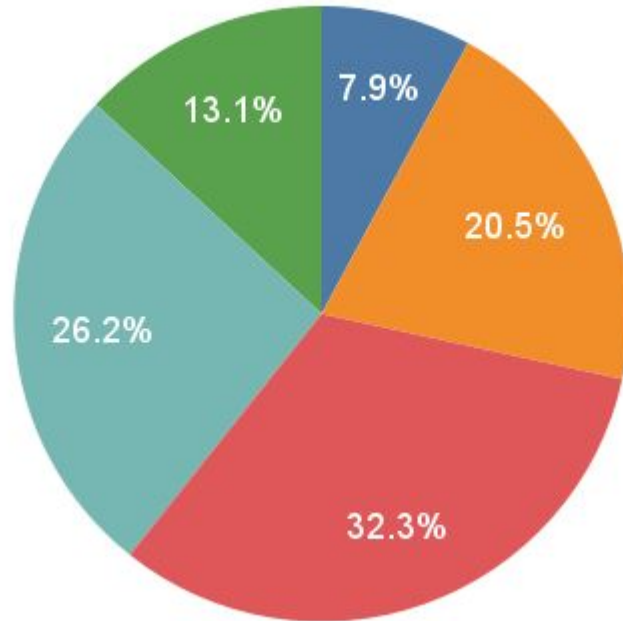
# Student Demographics

# Gender



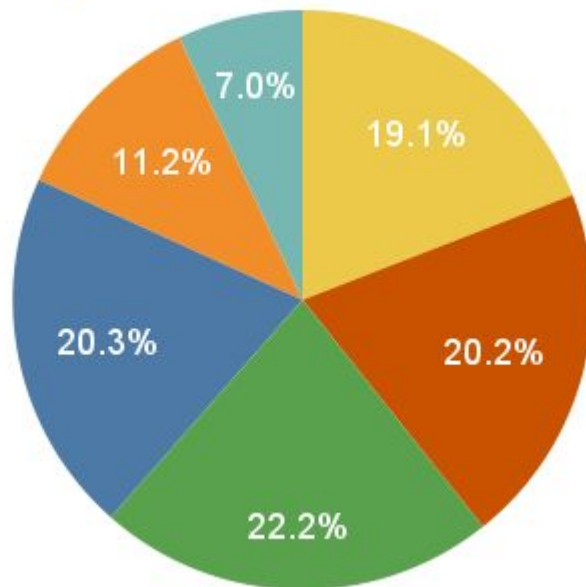
# Race/ Ethnicity

● Group A ● Group B ● Group C ● Group D ● Group E

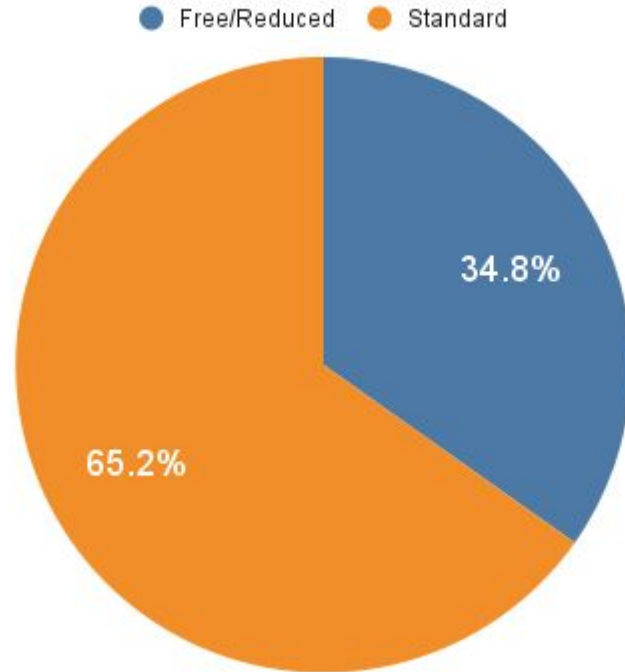


# Parental Education

Some High School   High School   Some College   Associate's Degree  
Bachelor's Degree   Master's Degree



# Lunch Type

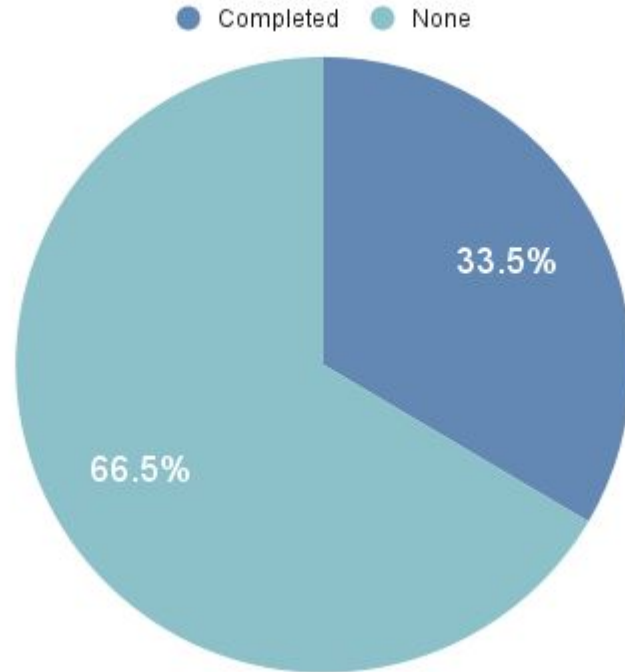






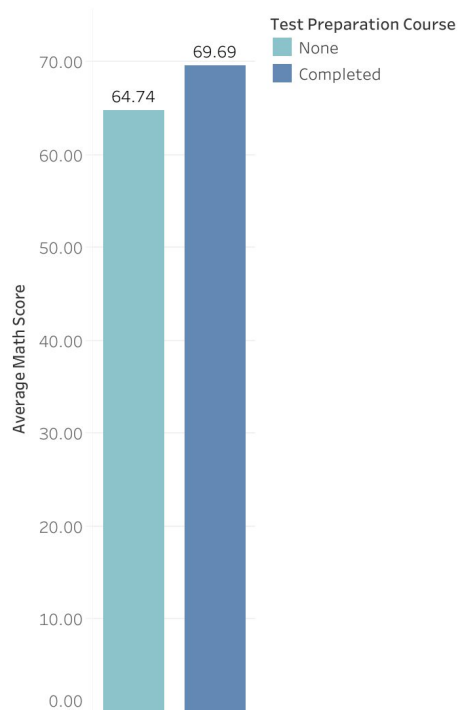
# Test Preparation Course

# Course Completion

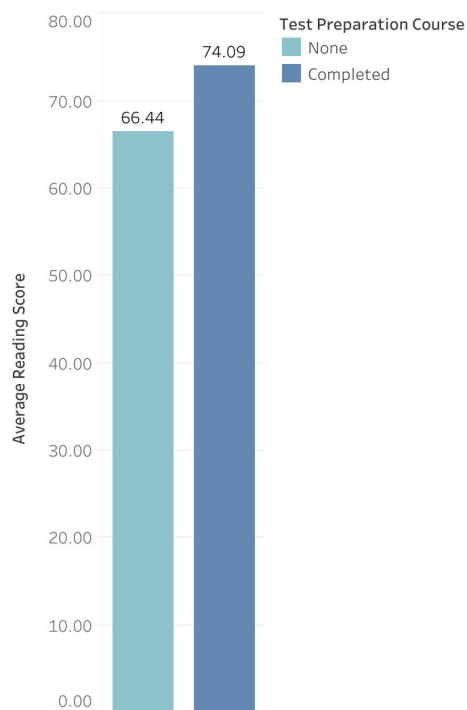


# Exam Scores

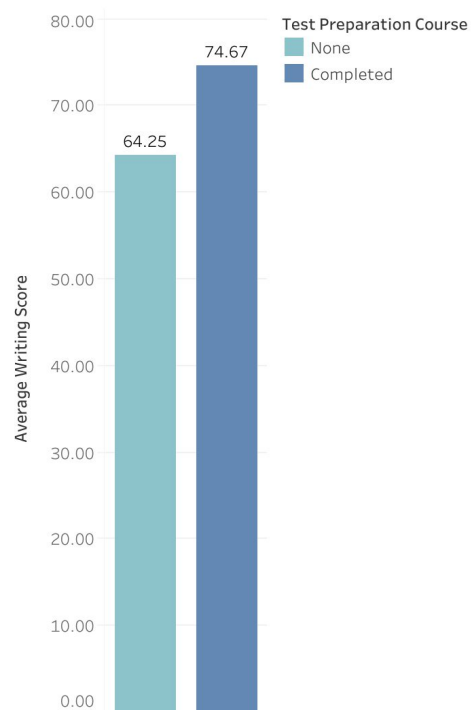
Math Scores



Reading Scores



Writing Scores

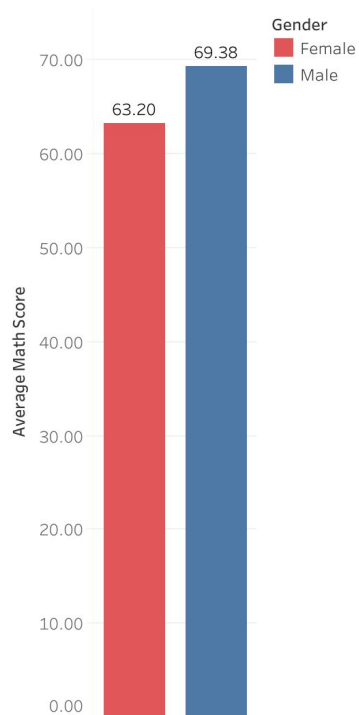




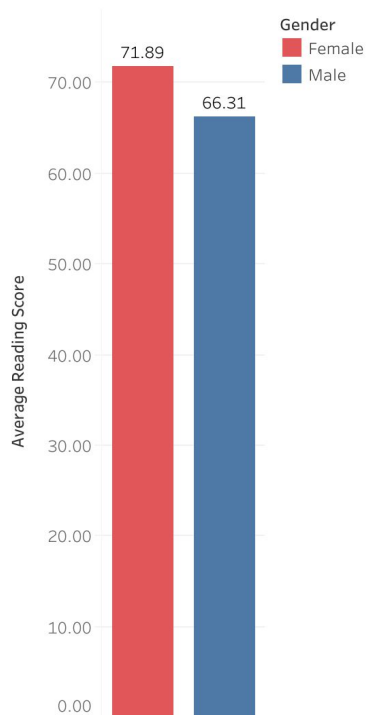
# **Additional Factors**

# Gender

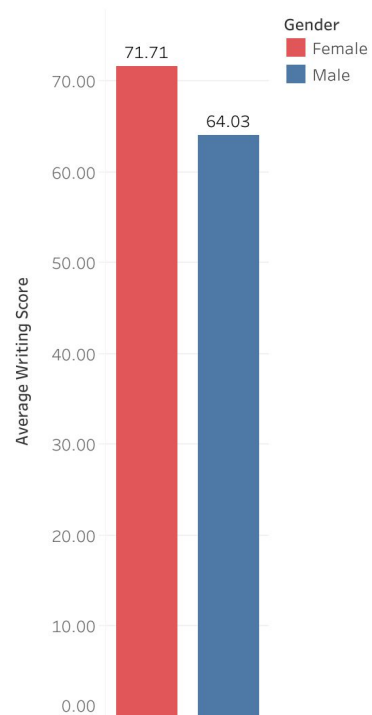
Math Scores



Reading Scores

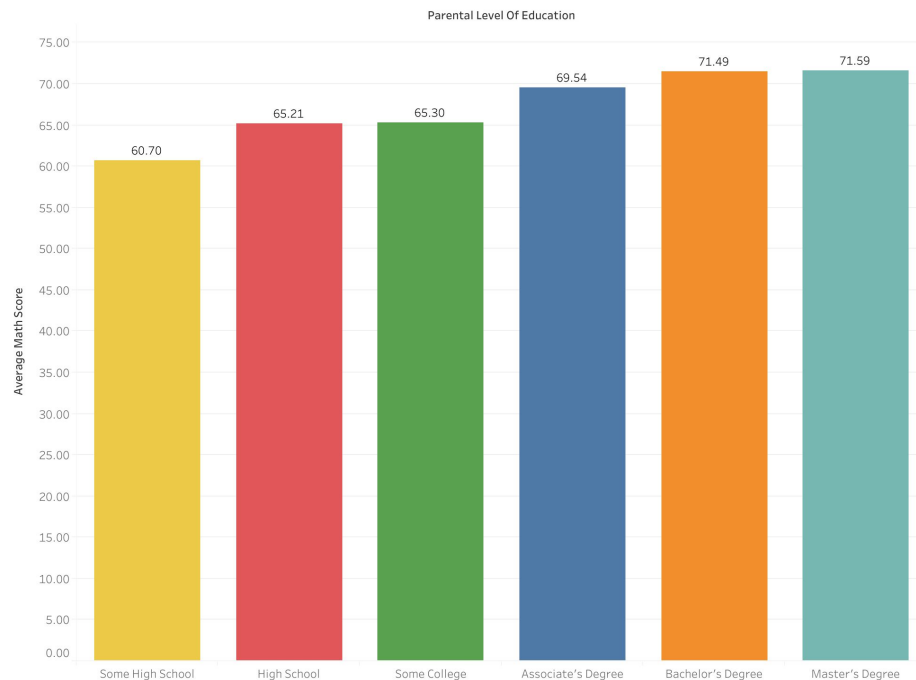


Writing Scores



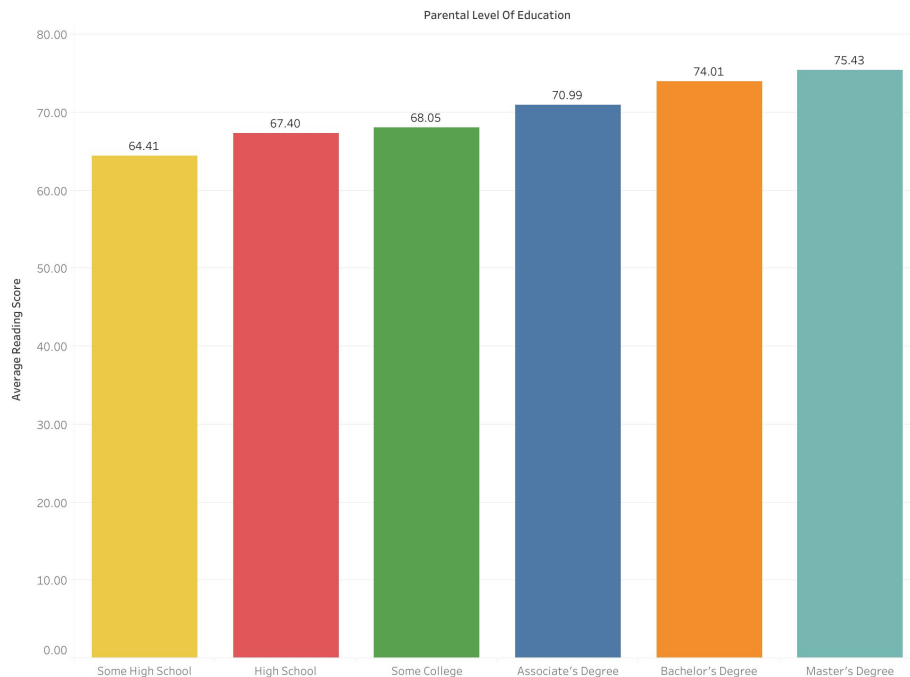
# Parental Education Level

Math Scores



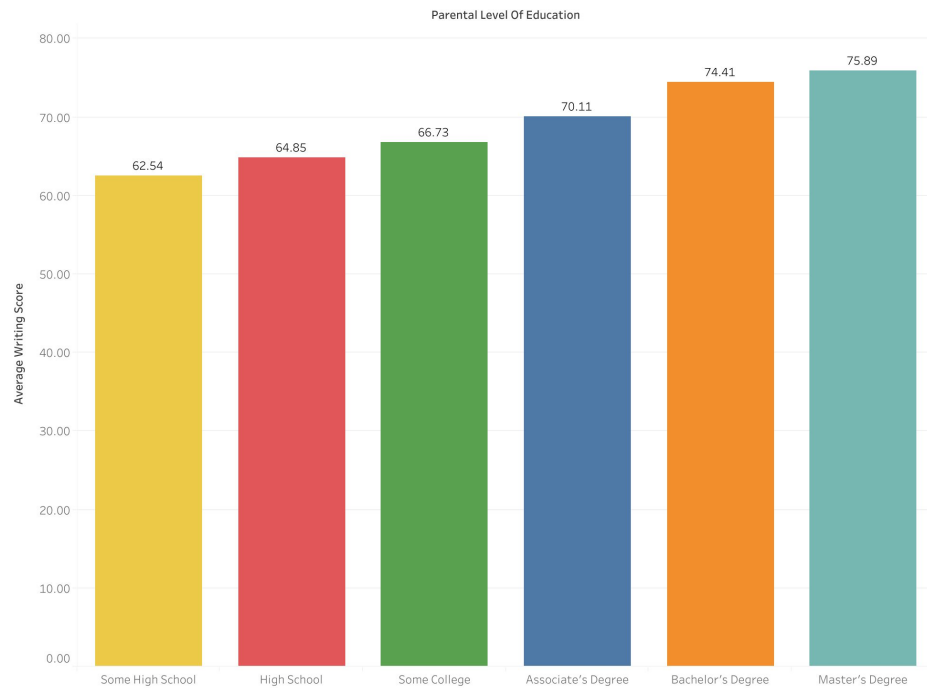
# Parental Education Level

Reading Scores



# Parental Education Level

Writing Scores







# **Conclusions and Recommendations**

# Conclusions

- The average exam scores of students who completed the exam preparation course were higher on all three exams when compared to students who did take the course.
- Male students received higher exam scores for math.
- Female students received higher exam scores for reading and writing.
- Student exam scores seem to increase with parental education level.

## Recommendations

- Encourage more students to complete test preparation courses in the future.
- Collect more data about students' study habits.