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UNCC-VIRT-DATA

Prof. Caudill

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**UNCC Data Visualization**

Module 4 Challenge

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Github Link: <https://github.com/MahnFrammen/Module4>

Summarize the Analysis:

This project brings a visually displayed python pandas solution to analyze this particular city's school district data. This jupyter project is intended to assist the school board and the mayor of this city to make strategic, more informed decisions regarding the future of school priorities and budgets.

Drawing Conclusions from the Analysis:

Two conclusions that can immediately be drawn from the results of this module include the fact that Grade 11 students at Holden High School have a higher average Math score compared to all schools and grades, and Holden High School Grade 12 students possess a higher average reading score. The other conclusion that can be drawn is that when the budget per student increases, the student's average math score, the average reading score, percent of passing math, percent of passing reading, and the overall passing decreases. This finding could spark the investigating of the true motivators for academic achievement, and give an opportunity for researchers to work on this more.

Screenshot of Successful Calculations:





