**ITESM Data Bootcamp**

Lesson: 04-Pandas

Homework

PyCity Schools

Written Report

Include a written description of at least two observable trends based on the data.

1. The average budget by school per student ranges between $578 and $655 dollars.
2. The overall passing rate is 65.17%.
3. A higher spending per student does not influence the overall passing rate. For example, schools with a spending per student up to $585 dollar have an overall passing rate of 90.37% comparing with schools with a spending per student between $645 and $680 dollar that have an overall passing rate of 53.53%.
4. Large schools with a student body between 2,000 and 5,000 students have the smallest overall passing rate (i.e. 58.28%) comparing with small and medium size school with overall passing rates of 89.88% and 90.62%, respectively.
5. There are a significant difference in the overall passing rates between charter and district schools, with overall passing rates of 90.43% and 53.67%, respectively.