

# Most Important Factors to a child's exam success

Members :

- Kyle Forsberg
  - Data cleaning
  - Data Understanding
- Justin Hoffman
  - Data Visualization
- Luke Bondi
  - Data Visualization
- Sam Wolf
  - Slides
  - Presentation
- Ava Unertl
  - Slides
  - Presentation

Description of the data set:

The data set that we have decided to use is the Students Performance in Exams data set. This data set contains 8 attributes. 3 of the attributes are related to scores in Math, Reading, and Writing, while the other 5 attributes are related to outside factors the student faces. These Factors are: parent's education level, ethnicity/race, gender, lunch status, and whether or not they did a prep course for the exam. There are exactly 1000 rows to this data set.

Goals:

We will compare each of the five attributes and determine which of the attributes have the highest relation to a student's performance on the topics of Math, Reading, and Writing. We will do statistical testing in order to determine which attribute is most impactful on the exam results of each category of Math, Reading, and Writing.