Bullying and Its Effect on Academic Performance

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Bullying is a serious problem nationwide; a number of factors can cause higher instances of bullying in a population. For this project, we will be looking at national bullying statistics and determining if there is a correlation between bullying and academic performance. We will then identify which factors can lead to higher instances of bullying and then looking at history, we will project bullying instances assuming there are no serious changes in the population. To accomplish this, we will look at publicly available data from public schools as well as US census data.

1. Is there a statistically significant correlation between bullying and academic performance?

In the United States of America:

Ho – Bullying has no effect on academic performance

Ha – Bullying has an adverse effect on academic performance

1. What demographic factors can lead to higher instances of bullying?

(Socioeconomic, Age, Ethnicity, Location, etc.)

1. Can we predict instances of bullying in the future based on history?

Possible sources:

<https://catalog.data.gov/dataset/school-survey-on-crime-and-safety-2016>

<https://catalog.data.gov/dataset/2017-2018-bullying-harassment-dicrimination-bi-annual-report>

http://www.census.gov/developers/

https://www.kaggle.com/datasets