The Team

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Problem Statement a.k.a Decompose The Ask

Is there a correlation between the school ranking vs. acceptance rate, tuition fees, SAT/ACT Score requirements?

Identify Data Sources

<https://www.kaggle.com/theriley106/university-statistics>

Data source will be from Kaggle.com. Kaggle.com has a data set with university ranking data of about 300 universities taken from U.S. News.

Data is available in CSV and JSON format from Kaggle.com.

Define Strategy and Metrics

Hypothesis 1: There is a higher concentration of engineering schools in SW vs. NE and vice-versa, there is a higher concentration of Business schools in NE vs. SW.

Hypothesis 2: There is no correlation between the cost of attending highly ranked college vs. lower ranked college.

Hypothesis 3: Higher ranking colleges do not always require higher SAT/ACT scores.

Hypothesis 4: NE colleges are more expensive than any other region.

Description of Data Analysis Tools You Plan to Use

We plan to use Python’s PANDAS, MATPLOTLIB, NUMPY and other modules to extract and analyze the data.

We will use powerpoint to present the data findings.

Describe the Data Products Your Project Will Produce

We will be using various statistical and analytical methods to illustrate our findings.