

1overview

March 28, 2016

1 Overview and Motivation

Every year, four million students apply to US Colleges without having a good idea of their chances of getting in. Fueled by US News Rankings, colleges puff up their rejection rates, while myopically finding students through the narrow lens of standardized test scores. This project provides data-science based probabilities of getting in along with interactive visualizations, allowing students and parents to investigate how certain aspects of their application affect the chances of an acceptance to various schools and therefore allowing them to best focus their time and money. Users can also view summaries of application and acceptance data to make other inferences about their own potential success in applying to different colleges. We then aim to disrupt the entire application process so quality students can be matched to the right school and schools can fulfill their desired mix of students..

In []:

2related

March 28, 2016

1 Related Work

Anything that inspired you, such as a paper, a web site, visualizations we discussed in class, etc.

In []:

3questions

March 28, 2016

1 Questions

What questions are you trying to answer? How did these questions evolve over the course of the project?
What new questions did you consider in the course of your analysis?

In []:

4data

March 28, 2016

1 Data

Source, scraping method, cleanup, etc.

In []:

5eda

March 28, 2016

1 Exploratory Data Analysis

What visualizations did you use to initially look at your data? What insights did you gain? How did these insights inform your design?

In []:

6evolution

March 28, 2016

1 Design Evolution

What are the different visualizations you considered? Justify the design decisions you made using the perceptual and design principles you learned in the course. Did you deviate from your proposal?

In []:

7implementation

March 28, 2016

1 Implementation

Describe the intent and functionality of the interactive visualizations you implemented. Provide clear and well-referenced images showing the key design and interaction elements.

In []:

8evaluation

March 28, 2016

1 Evaluation

What did you learn about the data by using your visualizations? How did you answer your questions? How well does your visualization work, and how could you further improve it?

In []: