Mission Admission
PS 12 private schools

The Problem of Admission Directors
Balancing Student Offers and Enrollments

What Did We Do?
- Understanding how the admission process works and source data
- Conducting analysis on the data to identify key features of the data
- Constructing predictive models for answering business questions

What Did We Want?
- To predict if a student receives an admit offer or not
- To predict if a student accepts an admit offer or not
- To produce models and visualizations supporting the above

What was our Process?

Ties to school through siblings, legacy and faculty show more number of students matriculating i.e enrolling.

What We Saw:

What We Found & Produced:

Outcomes & Insights
- Logistic model with an accuracy of >80%
- Model scalable to other regions and customizable for specific schools
- Correlations in support of and against intuition
- Patterns with respect to ethnic groups

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