Application: Admissions

Group: ggvis

Group Members: Luisa Simpao, Kelly Ye

The Admissions application uses Admissions\_DATA.csv. This data is modified from Admissions\_Predict.csv, which comes from [Mohan S. Acharya](https://www.kaggle.com/mohansacharya/graduate-admissions). The dataset is comprised of past graduate school applicants’ scores and relevant documents’ ratings and these values were used to predict chances of admission. Rather than using the predicted chance of admission in Admissions\_Predict.csv, Admissions\_DATA.csv uses a categorical variable that was set based on the predicted chances for whether students were Admitted (1, if > 0.7 chance), Waitlisted (0.5, if 0.4 - 0.7 chance), or Rejected (0, if <0.4 chance).

This application puts scores relevant to graduate school applicants—GRE Scores, TOEFL Scores, and Undergraduate GPA—on the X and Y axis. Plotted points are colored by the admission decision that applicants received. Users can see how their own scores would compare to past applicants. The application also allows for applicants to filter minimum scores for the three variables, as people often want to know the minimum score they need to achieve certain goals. Users are also able to filter the ratings for Statement of Purpose and Letters of Recommendation so they may see the effects of having weak or strong personal statements and references on admission results.