



MDN Data Competition

Problem Statement

You are a senior at Bronfman High applying to universities across Canada and the United States. You want to know your and the rest of your graduating class's chances of being accepted to their top choice university. Your AP Statistics teacher, intrigued by the idea and willing to contribute to its fruition, has granted you access to data from previous graduating students of Bronfman High, including their:

GRE Scores (out of 340)

TOEFL Scores (out of 120)

University Rating (out of 5)

Statement of Purpose (SOP) Strength (out of 5)

Letter of Recommendation (LOR) Strength (out of 5)

High School GPA (out of 10)

Research Experience (either 0 or 1)

Chance of Admission (ranging from 0 to 1)

Using the above data, your task is to build a model that predicts the probability of acceptance for each student in your class. You'll need to use the data from previous graduating classes to construct your prediction model.

You will be evaluated solely on your prediction accuracy using Mean Square Error (MSE)