

Problem Statement:

- The problem includes the questions like whether a student will get an admit or not?
- What are the parameters for selection in the university?
- What is the probability of being selected by the university? And can it be mathematically expressed?
- In this case, our objective is to predict whether a student will get an admit or not? and the probability of getting admitted based on selection criteria.

Problem Solution:

- For this Problems, all University eligibility parameters should be taken into consideration, such as the students GPA, students Rank, on the other entrance exam scores such as ACT reading score, writing score, source score and English score. (entrance exams may differ for different universities).
- Based on the entered parameters, the model compares it with historical admission data of the selected university.
- This data is very useful in analysing whether the student with can get admitted into the university.
- Now the probability of getting admitted into the university can be protected using various regression algorithms such as linear regression, logistic regression, decision tree regression.
- A probability graph that shows the data can be added for the convenience of the student.