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University Admit Eligibility Predictor

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ABSTRACT

The aim of this project is to help the students in shortlisting the universities and to help the students to save their time and money that they spend at the education consultancy firms. Also it will help them to limit the number of applications by providing them the right list of universities where they have the best chance of securing admission thus saving more money on the application fees. University and College research being one part of the university application process itself is an arduous and lengthy task. So, this predictor will help the students to choose the universities to apply based their profile. Hence, we have done this research project to solve that issue based on the cut off they have secured.

PROJECT OBJECTIVES

- Learning data mining algorithms and implementing them in the real data sets.
- To Build an efficient university research site for the students who have been planning to apply for master programs in various disciplines.
- For Recommending best suitable universities to students based on their GRE, GPA and TOEFL scores and also predicting admission probability.
- It would definitely be easier for students if they get relief from step of selecting best suited universities and colleges for application.

Dataset Overview

Dataset: Graduate Admissions Dataset

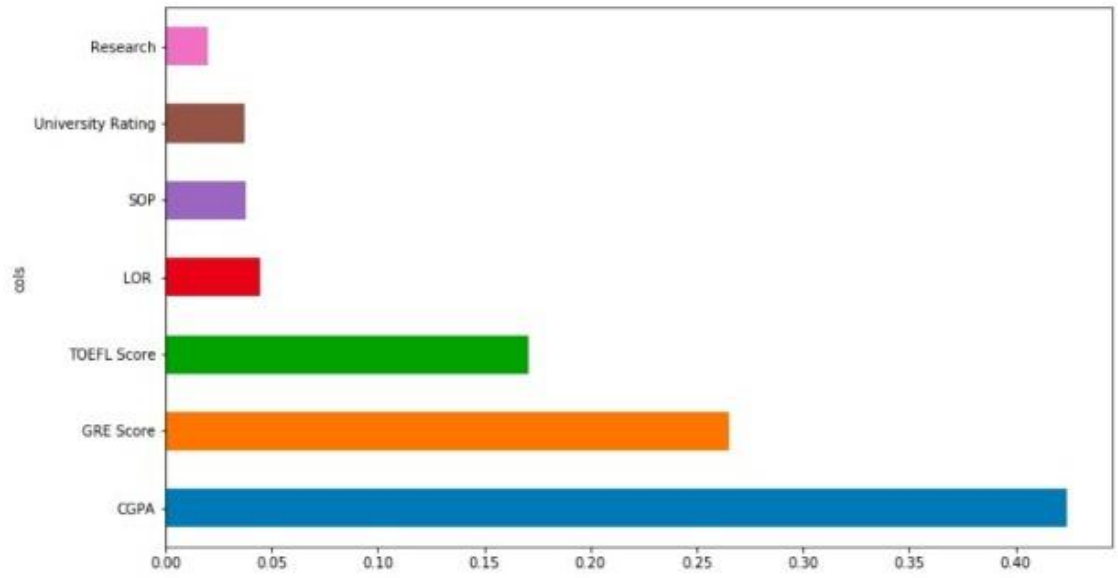
Source: Kaggle

Metrics: 500 rows, 9 columns

About: The graduate studies dataset is a dataset which describes the acceptance probability of a student based on the following parameters:

1.GRE Score (out of 340)
2. TOEFL Score (out of 120)
3. IELTS Score (out of 9)
4. University Rating (out of 5)
5. Statement of Purpose/ SOP (out of 4)
6. Letter of Recommendation/ LOR (out of 4)
7. Research Experience (either 0 or 1)
8. Chance of Admittance (ranging from 0 to 1)

This dataset was built with the purpose of helping students to shortlist universities based on their profiles. The predicted output gives them a fair idea about their chances for a particular university. This dataset is inspired by the UCLA Graduate Dataset from Kaggle.



ARCHITECTURE DIAGRAM