**Recruitment Data Modeling and Analysis**

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**Abstract:**

Basis of this project is designed to address the issue of Human Resource. The idea is to provide a platform for human resource management team through which they can enhance their decision making capability for candidates. The main issue we are focusing on is to figure out the decision whether the candidates are going to join our organization or not.

**Solution Approach:**

Our approach of this problem is to find the feature parameter which affect the outcome i.e. accept or reject. Then move forward to find the right fitted model from our test data. Based on right choose model predict the candidates acceptance.

Our software is going to analyze the historical pattern of offer acceptance by candidate. It helps to HR to see the trend based on the past data.

**Design Architecture:**

In this software we are going to use cutting edge technologies like R for trend analysis, MemSQL for high speed database and angularjs for interactive UI and charts.

**Business Impact:**

This will help business to save time and efforts did by human resource team. And we know time is money. By saving time on perplexed candidates we can focus on the candidate who really wants to join the organization.