List of Problem Statements

1. University Admission Prediction:

University education is becoming a critical pillar of social and economic life in the twenty-first century. It is crucial not only in the educational process but also in assuring two vital things: a great job and financial stability. Predicting university entrance, on the other hand, might be extremely challenging because pupils are unaware of the admission standards**.** The required data was obtained from thegradcafe.com. Based on this data set,various models were trained and one best and some other similar properties carrying universities are suggested for the students such that it maximizes the chances of a student getting an admit from that university list. Classification algorithms have also been used to predict the acceptance chance of any student on any individual university. To predict the best University for the particular student his/her GPA score, GRE(Verbal and Quant) Score has been used as attributes for classification.

2. Whom does the problem affect?

This University admission predictor most oftenly helps the
students in getting the chances of goopd college. If the model doesn't trained well there is a issue in classification which result in wrong prediction .Due to this application, mostly transport cost is reduced which affects the transport charge seekers and other transport booking sites

3. What are the boundaries of the problem?

The amount of the data that is to be processed for the given dataset is extremely huge so as a result high configuration devices are used to process these huge data. As the dataset size is huge, the noise associated with the data is also huge and the preprocessing to be done is also high in this case. The response of the data is purely dependent on the data which is collected from the previous records. The accuracy of the university prediction will also depend upon the correctness and the accuracy of the previous records. The accuracy of the prediction will also depend upon the number of attributes that is taken into consideration. The prediction will be difficult with increase in number of total possible results.

4. What is the issue?

Any discrepancies in university prediction will have a major impact on the students . This application is responsible of showcasing the availability of universities. Any mistaken in the model or any wrong input data may leads to wrong prediction which hugely affects the student's education and career growth. Hence proper preprocessing to be done before sending the data to model for classification.

5. When does the issue occurs?

The university prediction mostly depends the initial steps that are being carried out. Firstly, the dataset collection. The data that is collected for the prediction must be accurate and concise in nature. Any discrepancies in the dataset will cost the accuracy of the university prediction directly. The second step is Data preprocessing. The collected data is improper i.e., those data will have outliers, missing values and the number of attributes may also be huge. At times the data can also be unstructured. In order to solve this issue, the data must be cleaned and preprocessed in a proper manner. The next important issues arise with the data consistency, the university prediction data must be consistent. The time format must be same across all the dataset. Similarly, the time zone varies from location to location. These inconsistencies must be solved before training the model with the data. The issue also occurs due to abnormalities. The model cannot predict the
 in these abnormalities.

6. Why these issue must be resolved?

The university prediction may help the school student's hugely to predict good possibility of good college.
This university prediction can help the students hugely to plan ahead and save their valuable time. The reputation of the university can be majorly dependent on these university prediction because the prediction has a direct hand in determining the society trust on the application. Proper data preprocessing helps the model to get a high yield accuracy.