**Data Science Assessment**

**Problem statement**

In this classification problem, you need address the following using data science techniques:

1. Address class imbalance issue and select the best technique.
2. Create a model to predict “Coverage Code” & “Accident Source”.
3. Design a GUI that take the dataset file as input and will have a “Run” button to execute the model you created.
4. After executing the model, the GUI will summarize the evaluation results on the screen and store the excel file in a folder.

**Dataset Description**

The dataset contains 190,000+ claim records with only one feature i.e., Claim description. The target columns are Coverage Code and Accident Source.

**Evaluation**

Evaluation will be done on your model’s precision and recall score. Along with the GUI features.

**Few Instructions:**

1. Write a documentation for this project.
2. Follow standard coding guidelines.
3. Give proper comments.
4. System needs to take excel file as input and add two new columns for predictions.
5. Output must be an excel file.