Jupyter Notebook files:

Below are the jupyter notebook (.ipynb) files loaded into github.

1. Safety\_Train\_Model\_XGB.ipynb
2. Safety\_Test\_Application.ipynb

Below is the pickle file generated from Safety Train model which is also uploaded into GitHub.

1. Safety\_Model\_v2.pkl

Step wise instructions to run Safety\_Test\_Application on test data:

1. Open Safety\_Test\_Application.ipynb file in jupyter notebook.
2. Update test file path from which test file needs to be picked from in below variable

**“Test\_Feature\_Path”** from **predict()** method in Safety\_Test\_Application.ipynb file.

1. Download pickle file “Safety\_Model\_v2.pkl” from GitHub repository link provided and save it in local folder.
2. Update pickle file path in variable path **“path”** in main (\_\_main\_\_) method code in Safety\_Test\_Application.ipynb file.
3. Now after above updates are done, run the jupyter notebook file Safety\_Test\_Application.ipynb.
4. Test predictions of your test file uploaded will be stored in “final\_predictions” field.
5. Use this “final\_predictions” field to check model performance on your actual values.