

## Car insurance Claim Classification



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- ► The use of car insurance is to provide financial protection against physical damage or bodily injury resulting from traffic accident.
- ► Car insurance may additionally offer financial Protection against theft of the vehicle .. etc.

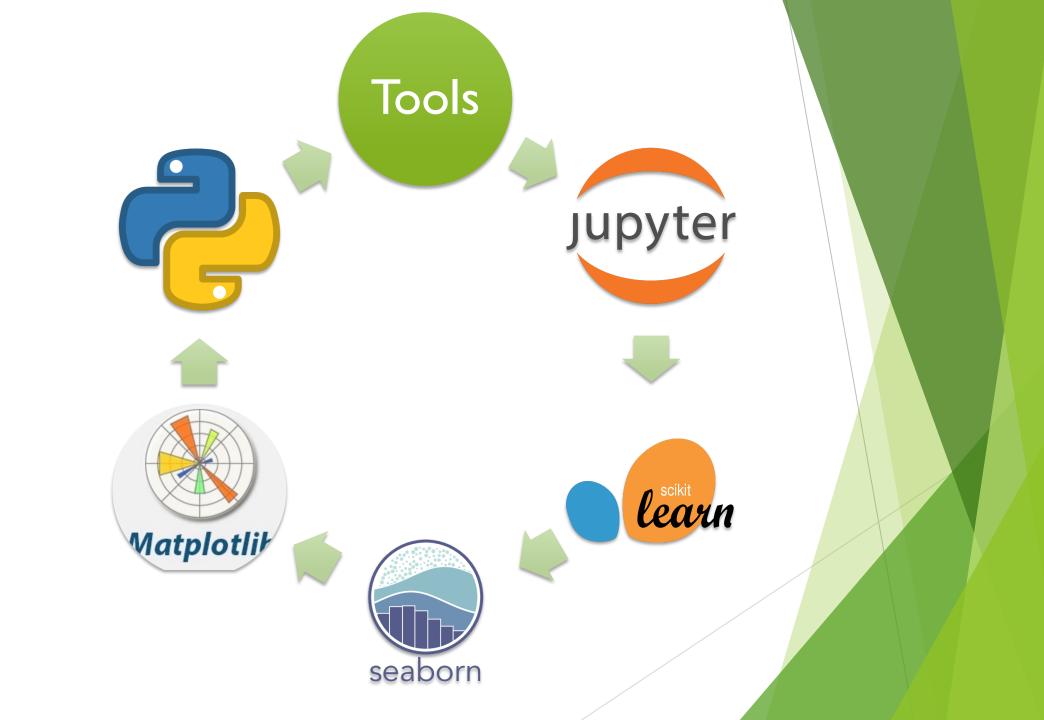




## **About Data**

- □ **Features** (Customer data):
- Age
- Driving Experience
- Speed Violations
- Vehicle ownership
- Driving under the influence
- Past Accidents
- □ Target:
- ▶ Did the customer has claimed his/her loan or not.

The dataset has 21 columns and we select 6 high score features that impact on our data



## **Modelling**



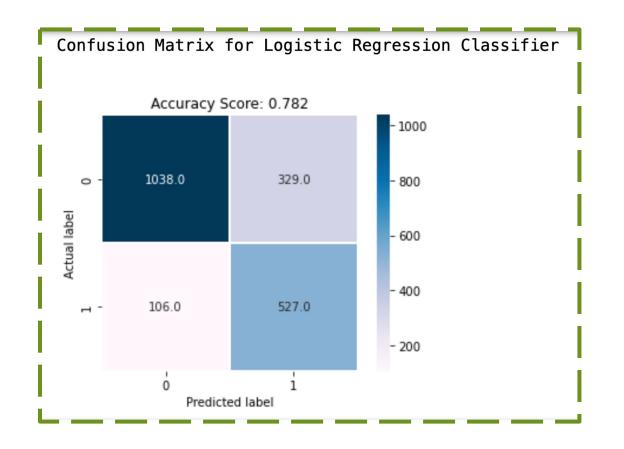
Training set 60%

Validation set 20%

Test set 20%

Classification evaluation metric: F1 Score





## conclusion

- The model works good performance to classify that if a customer has claimed his/her loan or not.
- > Future work:

Explore more features such as gender and credit score.



