**AUTO INSURANCE**

**AIM:** We’re challenged to build a model that predicts the probability that a driver will initiate an auto insurance claim in the next year. A more accurate prediction will allow them to further tailor their prices, and hopefully make auto insurance coverage more accessible to more drivers.

**Type of Machine Learning:**

As the target variable is having the 2 different classes, this is a binary classification problem with probabilities of an individual filing a claim needed.

**Dataset details:**

In total we have 59 features and below are the feature description

* Features ending with ‘bin’ represents a binary feature.
* Features ending with ‘cat’ represents a categorical feature.
* Features ending with ‘calc’ represents a calculated feature.
* Rest all other features are continuous.
* ‘target’ column is the output of the data.

From the target dataset it is observed that the data is imbalanced.