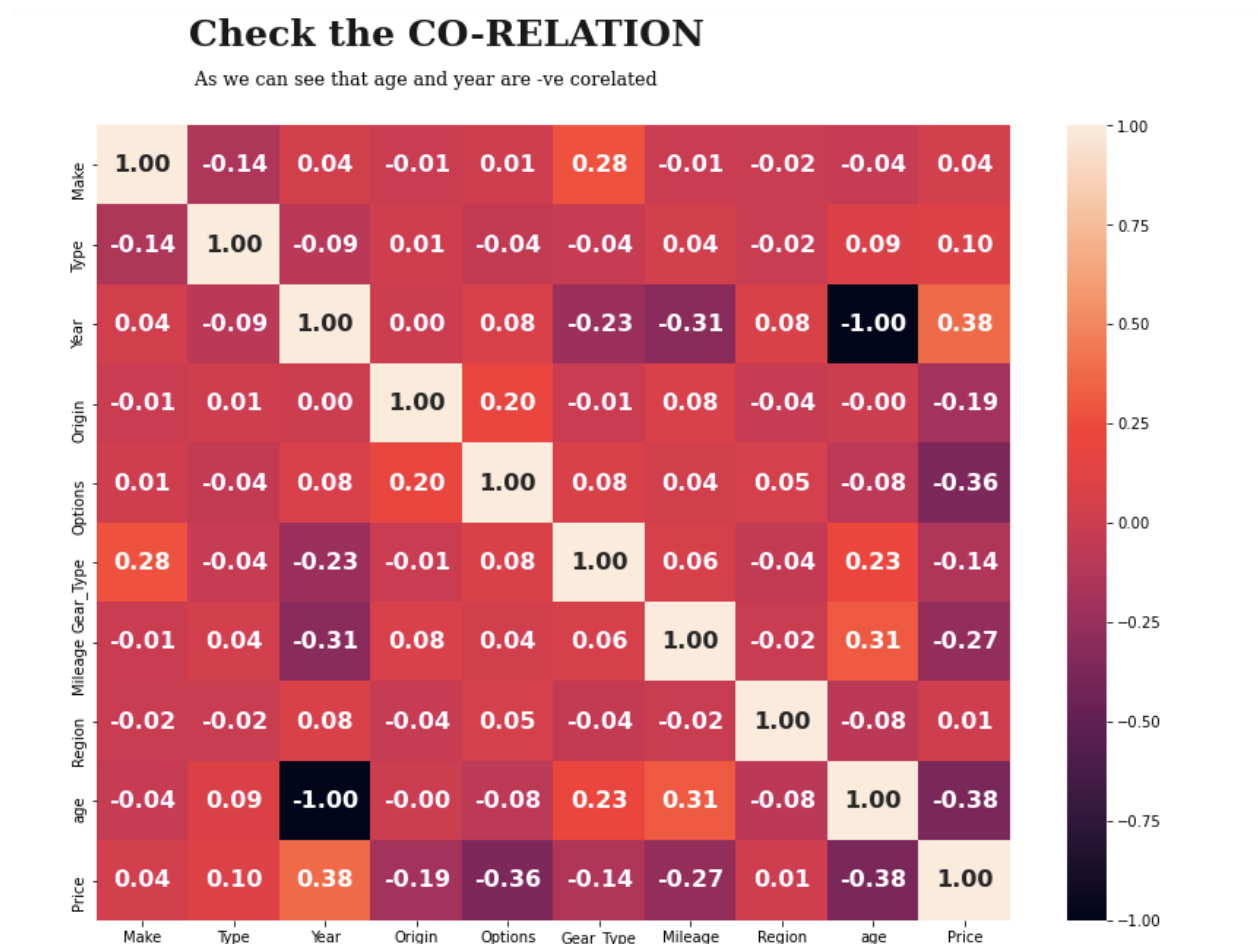


## Analysis of the Used Cars Industry in Saudi Arabia.

The goal of this project is to predict how used cars will perform in Saudi Arabia and help people with that.



This is the list of the most influencing features for the price

Since the target field is non-categorical, classifier I used regression rather than classification

We developed model to predict car price problem and I'll use RandomForestRegressor model as a base model and then I will use linear regression, Polynomial Features, Lasso, KNeighborsRegressor

First, we made the detailed exploratory analysis. We decided which metric to use. We analyzed both target and features in detail. We transformed categorical variables into numeric so we can use them in the model. We transformed numerical variables to reduce skewness and get close to normal distribution. We will look at the results of each model and selected the best one.