CHALLENGE
LIME vs Remote Work Drivers

01 INSTALL LIME

LIME is not a pre-installed package in Google Colab. Please install it using pip.

02 STRING VARIABLES

All non-numeric variables must be transformed into numeric. The simplest way is usually to transform into dummy variables.

03 ISOLATE X AND Y

We will use a Random Forest model. Therefore, one of the steps is to isolate X and Y.

04 RANDOM FOREST

Random Forest is our model of choice to apply LIME. We could have used other non-interpretable Machine Learning models, of course. However, since Random Forest is simple to implement and yields good accuracy, it is a very good option.

05 LIME EXPLAINER

After the model is built, we need to create a LIME object explainer to start explaining our Machine Learning model.

06 EXPLAINING INSTANCES

Now we are ready to start using LIME to explain the predictions. Choose a couple and see the cool visualization we get out of it.

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