Predict Complaint Types

Estimated time needed: **3** hours

Objective for Exercise:

- Use your machine learning skills to build a predictive model to help a business function more efficiently.

The goal of this exercise is to do Model Development and Validation to find the answer to the Question 4 of the problem statement:

Can a predictive model be built for future prediction of the possibility of complaints of the specific type that you identified in response to Question 1?

In this exercise, you will use a feature-engineered dataset to determine whether a predictive model can be built to predict the complaint (of the Complaint Type that you decided to focus on in Week 2) by using past data.

Using the best model, you need to predict the number of future complaints (of the Complaint Type that you decided to focus on in Question 1).

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Changelog

Date	Version	Changed by	Change Description
2020-08-27	2.0	Simran	Migrated Lab to Markdown and added to course repo in GitLab