

## **Instructions**

This assessment intends to evaluate your technical skills. The task has intentionally been designed to be somewhat open ended to allow you to be propositive.

The dataset that must be used for this evaluation is found in the document attached. You must address the requirements described in the deliverable description. You will also have to present your work in a meeting.

## **Deliverable**

Present the end to end development of a predictive model based on the dataset. That is, a notebook or scripts where the steps taken in the construction can be appreciated. This steps should include:

- Data extraction
- Data preparation
- Data transformation
- Model training
- Model prediction
- Any recommendations to the analytics team

An analysis of the performance of the model is expected as well as an explanation of the train of thought used during the process.