



### Question

Customers of our store have been complaining regularly on social media posts, in an effort to reduce the number of complaints, we have decided to start a campaign to call our customers who are more likely to complain, in order to collect their opinions on how to serve them better. Using transaction history for the last 30 days, create a machine learning model using python to predict whether the customer will complain by the end of the month or not.

Send your code through **GitHub**, then share the link on the emails by HR also zip the code and share with HR.

Your code will be judged based on the following criteria.

- Relevant data exploration,
- assumptions clearly stated,
- Feature engineering
- Machine learning
- Conclusions clearly made