

Please answer the following questions using github/gitlab/ bitbucket repo (Select the one that is a good fit for you). Finally, please provide a public repo link so the hiring manager can read your answers.

## Task 1: General Questions

1. What is your preferred language when building predictive models and why?
2. Provide an example of when you used SQL to extract data.
3. Give an example of a situation where you disagreed upon an idea or solution design with a co-worker. How did you handle the case?
4. What are your greatest strengths and weaknesses and how will these affect your performance here?

## Task 2: Python model development

**Objective:** Given the dataset, **train.csv** - the training dataset; **Exited** is the binary target and **test.csv** - the test dataset; your objective is to predict the probability of Exited, write a python script (main.py) that when run (e.g. python main.py) will output:

- a CSV file containing the following:
  - Predicted Exited from test.csv
  - Evaluation of the predictive ability of the model.(e.g. F1 Score, Confusion Matrix...etc)
- Plots that can help us visualize the classification data and the prediction curves.
- Please submit codes, explanations, and plots when finished. Try to be more **specific**, a README might be helpful.