



## Machine Learning Engineer Take Home

The following shouldn't take more than 3 hours to complete.

Please follow the steps described below:

- 1) Sign up at [kaggle.com](https://www.kaggle.com) (if you are not yet a user) and go to <https://www.kaggle.com/c/GiveMeSomeCredit>, read through the description of the challenge, download the data files
- 2) Objective: solve the above challenge.
- 3) Please submit your code (preferably in Python and with a github repo or a link to your source code, with .git folder) and also answer the following questions:
  - Tell us how you validate your model, which, and why you chose such evaluation technique(s).
  - What is AUC? Why do you think AUC was used as the evaluation metric for such a problem? What are other metrics that you think would also be suitable for this competition?
  - What insight(s) do you have from your model? What is your preliminary analysis of the given dataset?
  - Can you get into the top 100 of the private leaderboard, or even higher?