

- Your idea
 - System to decide whether someone should be approved for a credit card or not.

- What are the inputs and the outputs?
 - Input data will be a csv of certain features from the applicant such as income, what property they own (car, house) among other criteria
 - The output should be a simple label on the applicant deciding whether the applicant will be approved for a credit card given some data.

- Where do you plan to get the data from? If it already exists as an open-source repository, attach the link
 - There is already a data set with certain features we can work with. It has 18 features that can be useful for the project.
 - <https://www.kaggle.com/datasets/rikdifo/credit-card-approval-prediction/data>

- What kind of models do you think will work for your project and why?
 - The first model that I think will work is a logistic regression model. Considering the binary model is only a predictor of 0 or 1, this is all we really need. We are not too familiar with the model so we are not sure if the data we have will be a good fit for it.

- A tentative timeline of the different tasks for your project
 - Within week 1, we should be able to clean the data to start testing.
 - For the month of March, we will work on training the model
 - Then during April, we can optimize the model

- What is each team member's responsibility in this project?
 - We will use self-directed teams so that we can both have a stake in this project. As well as a better understanding of the overall project.