

1. What variables are the targets for your model?
 - 'IS_SUCCESSFUL' column is the target variable for the model.
2. What variable(s) are the features for your model?
 - Every other column from the application_df is the feature variable for the model.
3. What variables should be removed from the input data because they are neither target nor features?
 - 'EIN' and 'NAME' columns were dropped for being irrelevant as they were neither target nor feature.

Compiling, Training, and Evaluating the Model

1. How many neurons, layers and activation functions did you select for your neural network model, and why?
 - Initially, the model had 8 hidden nodes in the first layer and 5 nodes in the second. They were chosen randomly/arbitrarily for further iterations to occur.
2. Were you able to achieve the target model performance accuracy?
 - I was not able to get the accuracy of 75%
3. What steps did you take to increase the model performance?
 - Several strategies were employed to increase performance such as adding layers, removing columns, utilizing more hidden nodes, and running experiments with different activation functions.