1. **Overview** – The goal is to find the optimized model with 75% accuracy to predict probability that the applicant will be funded by Alphabetsoup
2. **Results**: Using bulleted lists and images to support your answers, address the following questions:

* Data Preprocessing
  + What variable(s) are the target(s) for your model? Column IS\_SUCCESSFUL
  + What variable(s) are the features for your model? APPPLICATION\_TYPE, CLASSIFICATION
  + What variable(s) should be removed from the input data because they are neither targets nor features? 'EIN' and 'NAME'.
* Compiling, Training, and Evaluating the Model
  + How many neurons, layers, and activation functions did you select for your neural network model, and why? upto 24 neurons with 3 layers.
  + Were you able to achieve the target model performance? 72% at 3rd attempt.
  + What steps did you take in your attempts to increase model performance? Three attempts changing number of neurons, layers and activation functions.

1. **Summary**: The overall results were not successful at 72%. Not able to reach desired level of 75%. Recommend using another classification model.