**Step 4: Write a Report on the Neural Network Model**

The report should contain the following:

1. **Overview** of the analysis: Explain the purpose of this analysis.
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? The variable is the IS\_SUCCESSFUL column from the data frame application\_df
  + What variable(s) are the features for your model? The variable are the other columns left, that’s why I dropped the IS\_SUCCESSFUL column.
  + What variable(s) should be removed from the input data because they are neither targets nor features? EIN and NAME as indicated.
* Compiling, Training, and Evaluating the Model
  + How many neurons, layers, and activation functions did you select for your neural network model, and why? In the first one I used 80 and 30 hidden layers
  + Were you able to achieve the target model performance? No, the accuracy was at 72.85%
  + What steps did you take in your attempts to increase model performance? I try by adding more layers.

1. **Summary**: Summarize the overall results of the deep learning model. Include a recommendation for how a different model could solve this classification problem, and then explain your recommendation.

The overall result of the Deep learning model returned an accuracy of 72.85% in predicting the classification for funding. I believe a better data cleanup could increase the prediction along to testing different models. Maybe there could be also more variables that have a stronger correlation with the success.