**Write Up:**

**1. Overview** of the Analysis:

We’re trying to create a binary classifier to predict whether applicants will be successful if funded by Alphabet Soup.

In order to be able to predict the results, our goal is to create a machine learning model that can solve the task and be able to optimize the result through tuning the parameters.

**2. Results:**

- Data Preprocessing:

A1: IS\_SUCCESSFUL column is the target for the model. The variable for it is y\_test.

A2: Most of the rest of the columns are considered features, they are converted into binary dataset, as x\_test\_scaled.

A3: "EIN" and "NAME" columns were removed, because they are not features. Not useful information.

Compiling:

why: We tried a bunch of different