At the beginning of this report, I removed EIN and NAME from the dataset, and Classification and application were the important roles in this dataset.

The application of a neural network to each model involved the utilization of three layers, with the number of hidden nodes being dependent on the number of features.

The training model, comprising three layers, generated 137,873 parameters and managed to attain a performance of 74.6% accuracy, which was rounded up to 75%. This result was in line with our expectations.

Table

Description automatically generatedText

Description automatically generated with low confidence

The training model, comprising three layers, generated 3774 parameters and managed to attain a performance 79%This result was in line with our expectations.

Table

Description automatically generatedTable

Description automatically generated with low confidence