Victor Diaz

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1. Brief Description:

* In the deep learning this homework checks for previously funded applicants were properly funded by alphabet soup

1. Data Processing

* The various columns in the dataset was carefully looked at that was unnecessary. As a result, these columns were dropped such as EIN, NAME, IS\_SUCCESSFUL. Application data was analyzed and classification value was used for binning.

1. Compiling, Training, and Evaluation the Model

* Neural network is applied on each model layers, which were three in total. The number of features dictated the number of nodes\_layer\_#. Please see code snippet below:

Graphical user interface, text, application, email

Description automatically generated

1. Accuracy

* I tried to get a 75% chance of accuracy but I only manage to achieve 72%.