Neural Network Model

**Overview** of the analysis: the purpose of this analysis is to determinate the Charity applicants were successful or not.

In first model I used 2 hidden layers, neurons were 1 for layer 1, and 5 for layer 2, 100 epochs. The results show an Accuracy of 0,5332, with a loss of 0,690.

Second model used 2 hidden layers, I increase the number of neurons for both layers to 11 and 21, epochs 100, and the results are pretty the same accuracy 0,747, loss 0,541.

For the last attempt I decrease the number of neurons to 9, and 17, increase the number epochs to 200 results are getting better to an accuracy of 0,779, and losses to 0, 589.

To conclude, all the attempt I tried for increasing the accuracy succeed, I reach 75%, that shows the model it is good.