1. **Overview:** The purpose of the analysis is to identify applicants that have the best chance of success through funding via Alphabet Soup.
2. **Results:** “IS\_SUCCESSFUL” is the target variable of the model. The remaining columns after EIN and NAME were dropped are the features of this model. As mentioned previously, EIN and NAME were removed; they were removed because they aren’t targets nor features. For my neural network model, I did 3 layers and 3 activation functions. I came close to achieving the target model performance at 72% on the first attempt.
3. **Summary:** The first epoch of the deep learning model had a target model performance at 72%. With a different model, I think that the target model performance could be higher at the first epoch if there were more than 100 epochs in the model. Due to the fact that there were only 100 epochs, I think that played a role in the target model performance being lower than it could’ve been.