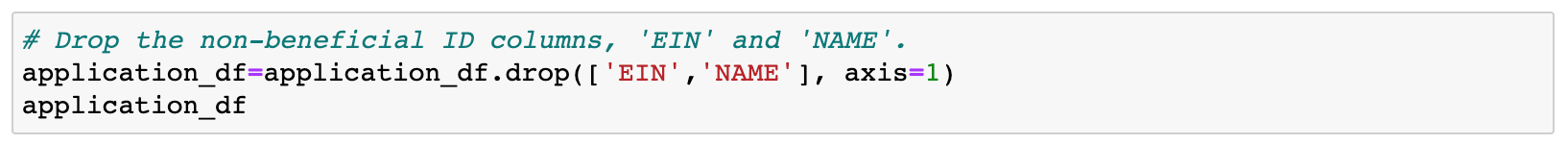
1. **Overview**
   * Alphabet Soup is a non-profit organization who would like to create an algorithm to determine the status of funding. Using the “Charity\_data.csv” that includes over 34,000 organizations, we will determine which organizations are more likely to succeed in receiving funding through creating neural networks.
2. **Results**: Using bulleted lists and images to support your answers, address the following questions.

* *Data Preprocessing* 
  + What variable(s) are considered the target(s) for your model?
    - Variables that lead to giving us our desired output – “IS SUCCESSFUL” column which is listed as “y” in the jupyter notebook
  + What variable(s) are considered to be the features for your model?
    - Input features – all columns once we transformed them from non-numerical values

Text

Description automatically generated

* + What variable(s) are neither targets nor features, and should be removed from the input data?
    - The non-beneficial columns – “Name” and “EIN”. Both were dropped from the data set



* *Compiling, Training, and Evaluating the Model* 
  + How many neurons, layers, and activation functions did you select for your neural network model, and why?
  + Were you able to achieve the target model performance?
  + What steps did you take to try and increase model performance?

1. **Summary**: Summarize the overall results of the deep learning model. Include a recommendation for how a different model could solve this classification problem, and explain your recommendation.