1. AlphabetSoupCharity\_Optimization.
   1. Text

      Description automatically generated with low confidence
   2. A picture containing text

      Description automatically generated
2. Opt\_2
   1. .. A picture containing table

      Description automatically generated
   2. .. Graphical user interface, text, application

      Description automatically generated
3. Opt\_3
   1. . Graphical user interface, text, application

      Description automatically generated
   2. .. Graphical user interface, application

      Description automatically generated

1. Opt\_4
   1. Graphical user interface, text, application, email

      Description automatically generated
   2. .. Graphical user interface

      Description automatically generated with medium confidence
2. Opt\_5
   1. . Graphical user interface, text, application, email

      Description automatically generated
   2. .. Graphical user interface, text, application, email

      Description automatically generated
3. Opt\_6
   1. . Graphical user interface, text, application, email

      Description automatically generated
   2. . Graphical user interface, text, application, email

      Description automatically generated
4. …
5. …

…

1. \* Data Preprocessing
2. \* What variable(s) are considered the target(s) for your model?

IS\_SUCCESSFUL

1. \* What variable(s) are considered to be the features for your model?

APPLICATION\_TYPE 17

AFFILIATION 6

CLASSIFICATION 71

USE\_CASE 5

ORGANIZATION 4

STATUS 2

INCOME\_AMT 9

SPECIAL\_CONSIDERATIONS 2

ASK\_AMT 8747

1. \* What variable(s) are neither targets nor features, and should be removed from the input data?
   * 1. EIN','NAME'
2. \* **Compiling, Training, and Evaluating the Model**
3. \* How many neurons=unit, layers = 3, and activation functions did you select for your neural network model, and why?
4. \* Were you able to achieve the target model performance? No
5. \* What steps did you take to try and increase model performance?
   * + 1. Different no neuron, layers and activation functions.
6. 3. **\*\*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.
7. - - -