1. Names:
   * Art Grichine – ArtGrichine@csu.fullerton.edu – 50%
   * Adam Beck – AdamJBeck@csu.fullerton.edu – 50%
2. A brief description about the software tool you used or program you implemented.
   * Our software consists of a Python script which was created by Chris Strelioff and is found at: <http://chrisstrelioff.ws/sandbox/2015/06/08/decision_trees_in_python_with_scikit_learn_and_pandas.html>

This link leads to a tutorial of how to create decision trees in python with the ‘*scikit-learn’* and ‘*pandas’* libraries. The tutorial uses a data set for flowers. We modified the script to fit our data set and project goal. Our script follows a different pre-processing for the data as well as different settings to the decision tree (Entropy vs. Gini).

1. The results of your data analysis including the following elements:
   * The name of the class/decision column for your analysis.
   * A brief explanation of the process of your analysis listing a series of steps taken, specifying input and output if there is any, to produce the final decision tree from this data set.
   * A snapshot of the final decision learned. If the tree is too big, show only the important part of the tree based on your judgment (to meet the managers’ expectations).
   * Give two rules you can obtain from the decision tree that can be used to explain the nature of the data. If a rule is too big, you can show only the important part again based on your judgment.
   * A brief explanation of knowledge learned from the data analysis in layman terms so that two managers can understand.