The goal of the KDD project is to implement an action rules algorithm in order to determine a set of action rules as applied to the Failed States Index. Your primary focus is the practical implementation of the algorithm.

The dataset: <http://fsi.fundforpeace.org/rankings-2014>

As of the project description, we need to implement one of the action rules algorithms.

First you need to prepare the data and clean it, then discretize it based on the following:

· We need to discretize the integers by replacing n.k by n+1 if k>5 and by n if k < 6. To make it short, this is the rounding principle.

· Replace the last column by these categories: Alert, Warning, Stable, Sustainable.

All listed attributes are flexible so we have to add minimum two stable attributes (for instance: population, number of neighbors having equal or lower stability index). So we must try to understand the dataset and find 2 stable attributes that are related to the dataset and add them.