**Algorithm and Data Analysis**

The algorithm and data analysis use is Logistic Regression which is under Classification analytics. Logistic Regression, in this algorithm the probabilities describing the possible outcomes is using the logistic function. This is designed for the purpose of classification, and most useful for the understanding the influence of several independent variables on a single outcome variable.

Rural Healthcare Management System have lots of aspects to handle most importantly about healthcare aspect, in which logistic regression can be used to draw a pattern about one aspect to another and how this will influence each other. The output will be the data collected and this will be serve as the source to produce a result for a specific aspect, wherein can also be used for future decision making.

However, this algorithm and data analysis is only used for the 30% of the project presentation.