# Assignment 1

<https://docs.google.com/spreadsheets/d/1kZKw7Z2pOYXSltmID_deVK5OkJgnYc6-6yQUPmMbFCM/edit?usp=sharing>

1. Read the data, see the summary. Perform the preprocessing operation if needed
2. Use the above data and perform classification. You can use any algorithm of your choice. (Decision Tree, Naïve Bayes, KNN, Logistic algorithm
3. Describe the result on the basis of different performance measures.

# Assignment 2

<https://docs.google.com/spreadsheets/d/1Y0iJMsTU4NEv-Iu3XNLYw3xbPIJY7GvdlZYC3r8e6Hw/edit?usp=sharing>

1. Read the data, see the summary. Perform the preprocessing operation if needed
2. Use the above data and perform classification. You can use any algorithm of your choice. (Decision Tree, Naïve Bayes, KNN, Logistic algorithm
3. Describe the result on the basis of different performance measures.

# Assignment 3

<https://docs.google.com/spreadsheets/d/1gVvCsmbyN4nAD0Fn6dOKMapLreln1832xNLc93etylA/edit?usp=sharing>

1. Read the data, find the summary. Perform the preprocessing operation if needed
2. Use the above data and perform Prediction. You can use algorithm of your choice. (Either linear regression or logistic regression
3. Describe the result on the basis of different performance measures.

# Assignment 4

<https://docs.google.com/spreadsheets/d/1zGaOJknYMaaNPesGEpaVwk9ybwVUToqImGTPPmudmxo/edit?usp=sharing>

1. Read the data, find the summary. Perform the preprocessing operation if needed
2. Use the above data and find out frequent item sets using Apriori algorithm. Also try to generate different rules using suitable support and confidence.
3. Describe the result on the basis of different performance measures.