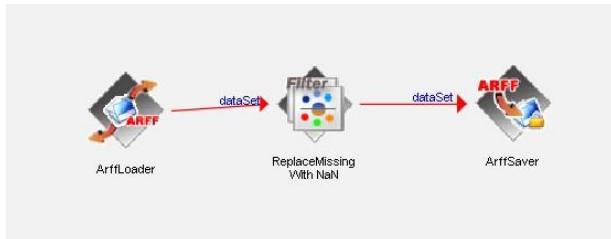


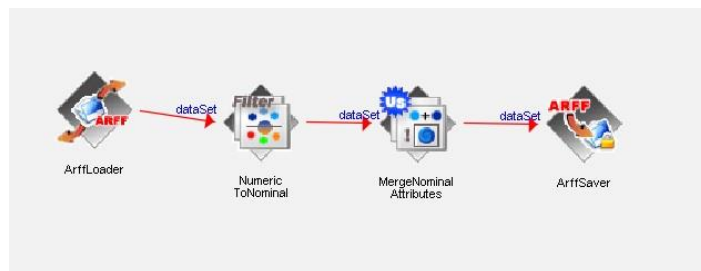
# Assignment 3

Q1. Use of filters in Weka Knowledge Flow: Use Glass dataset and do the following operations using appropriate filters.

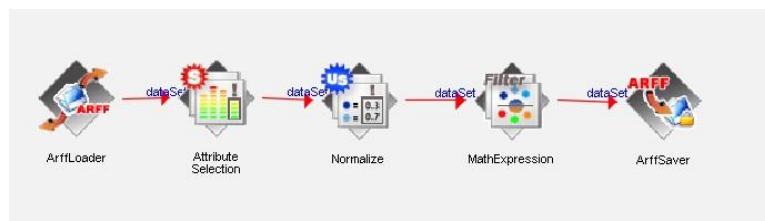
- a. Mark missing values with name NaN.



- b. Merge any two similar numeric types attribute into new attributes.



- c. Select single /multi numeric attributes and convert it into numerical range between (Min-Max) ranges by formula given below:



Download (<https://www.kaggle.com/datasets/kumargh/pimaindiandabetescsv> Pima Indian Diabetes Dataset (PIDD) and do following operations and save all reports in separate file using data sink .csv format.

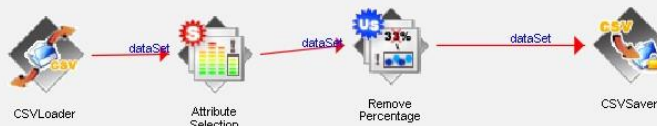
- a. Normalize all numeric attributes



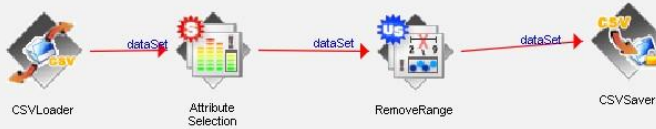
b. Remove all misclassified value by J48 class filter



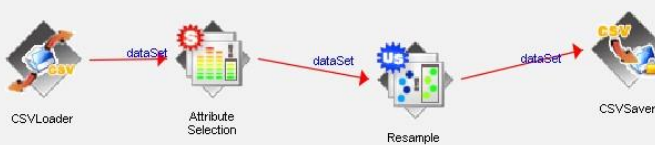
c. Remove Percent



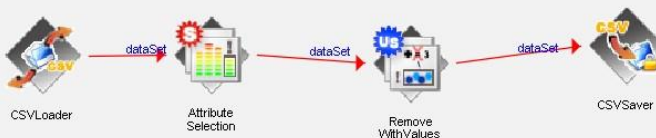
d. Remove Range



e. Resample

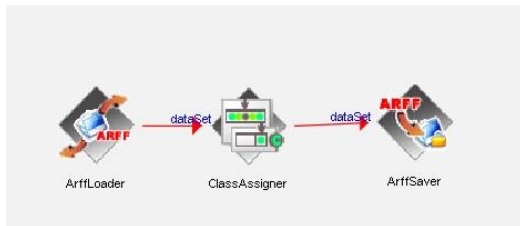


f. Remove With Values

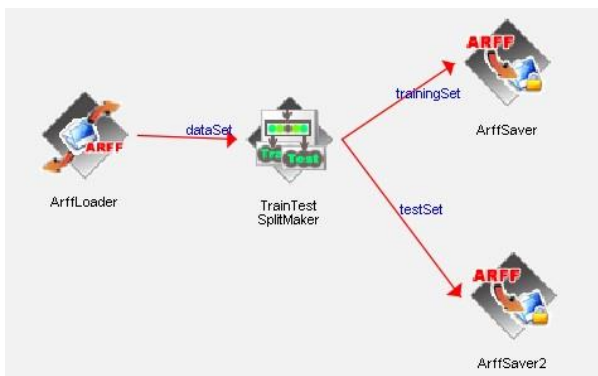


Q3.Training -test layout maker using Weka Knowledge Flow: Load weather.arff dataset and do the following operation using:

- a. Make play attribute as Class label.



- b. Split dataset into training (80%) and testing(20%) part and save both splits in different folds in directory location



- c. Prepare 5 fold cross validation testing data and filter all such folds which having all given class label nominal values.

