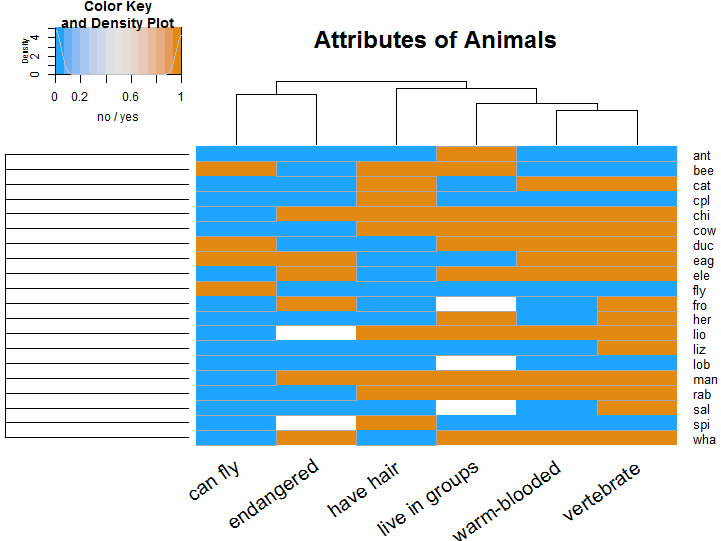
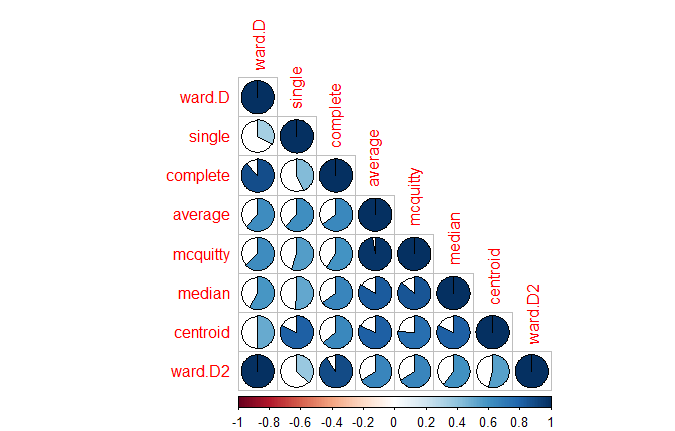
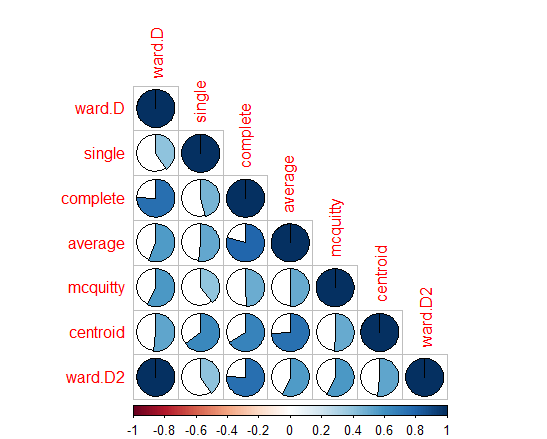
1. Animal Clustering

Dataset: Animals dataset is used for the clustering.

(R)

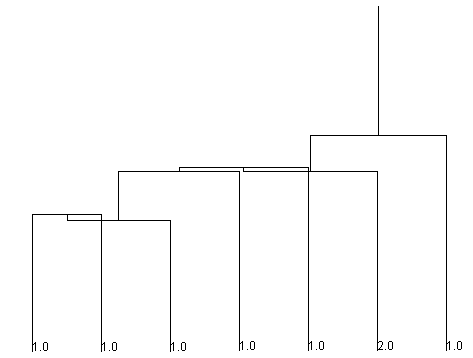




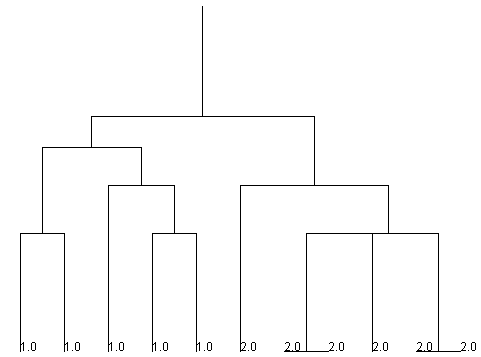


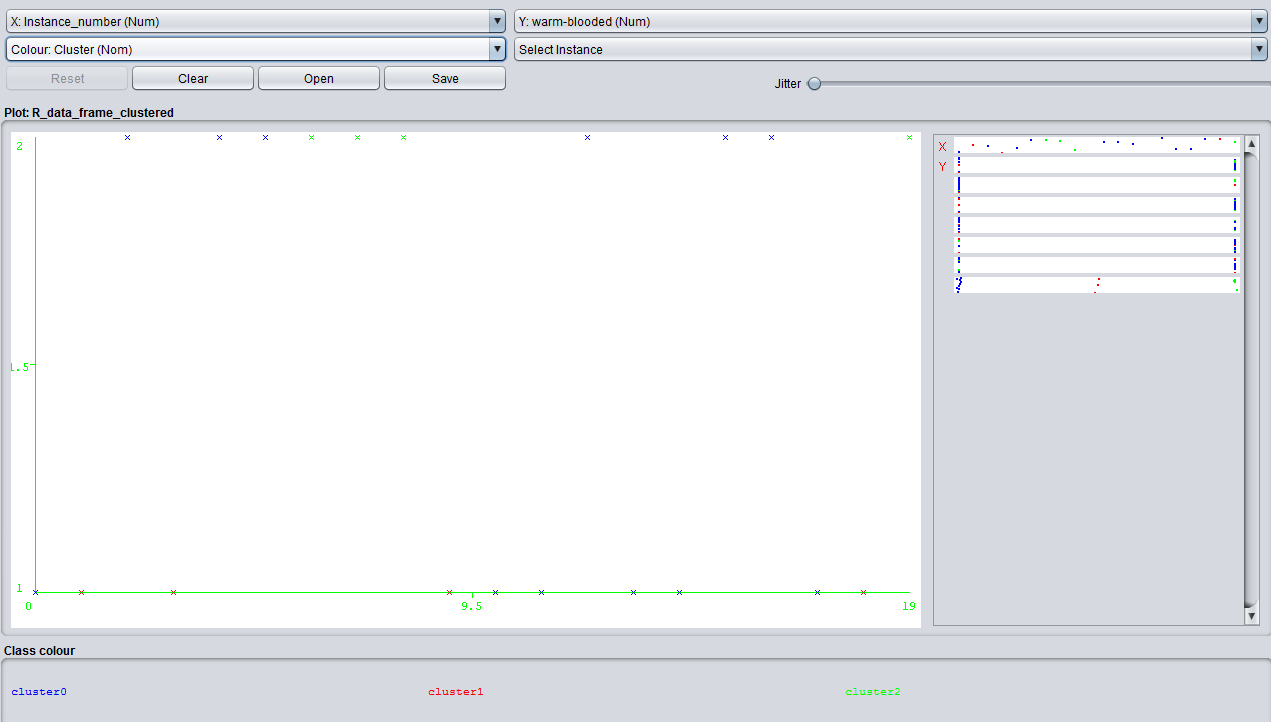
(WEKA)

Type of linkage used – Ward with k=4:



Type of linkage used – complete with k=3:



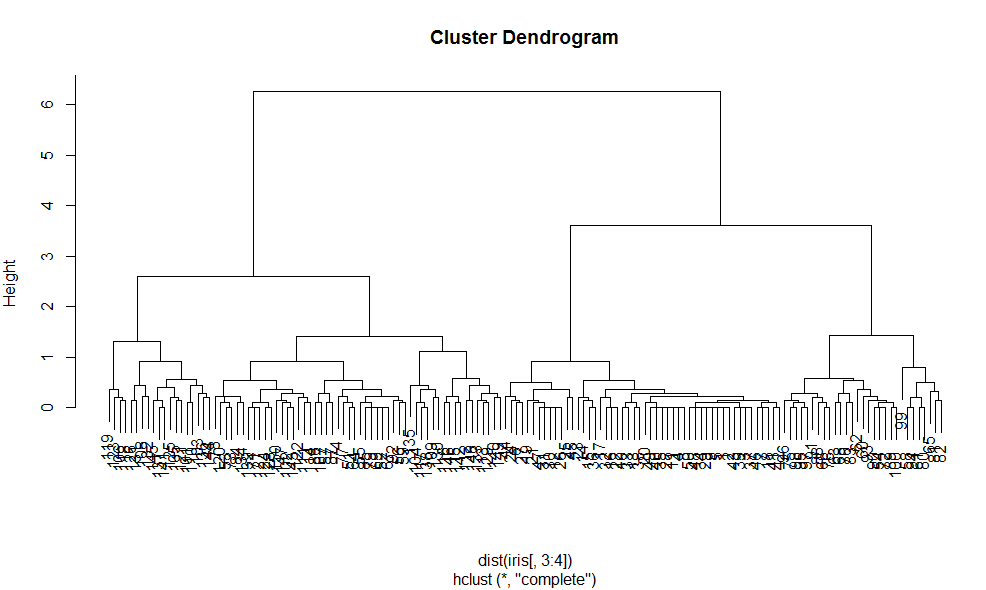


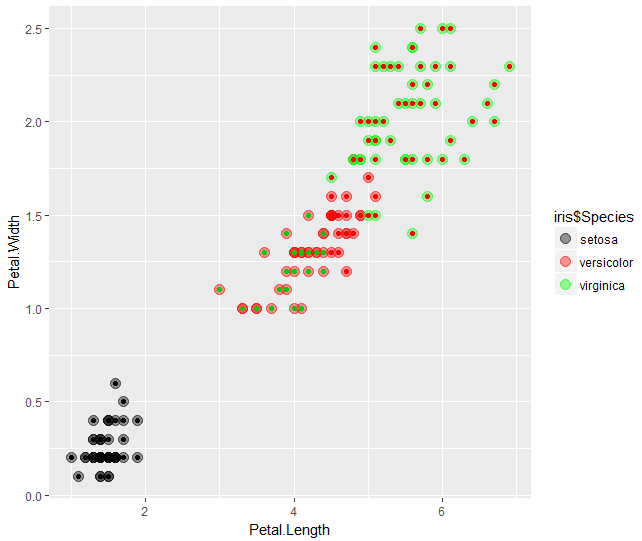
1. IRIS Hierarchical Clustering

Dataset used is IRIS. The number of clusters used is 3.

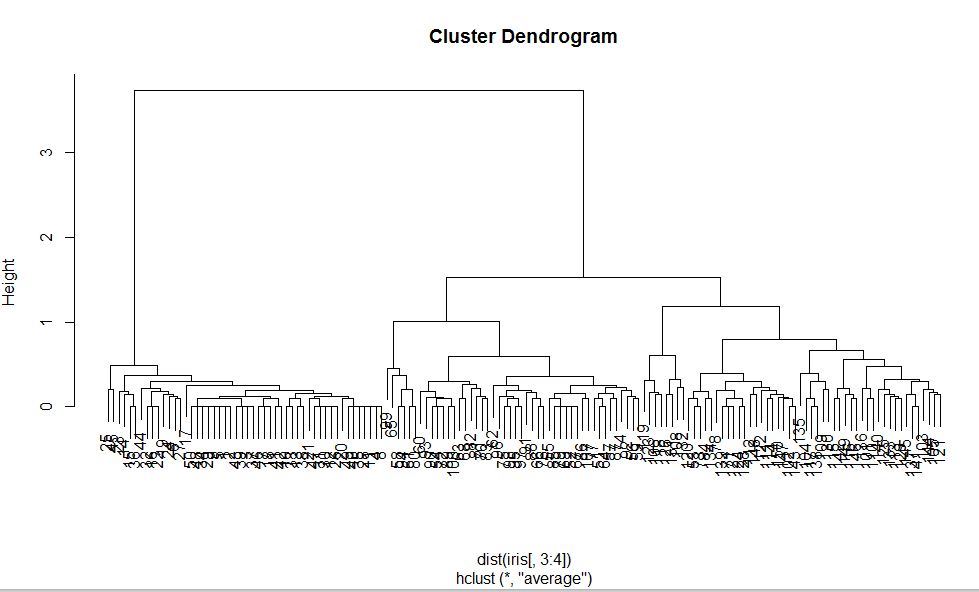
(R)

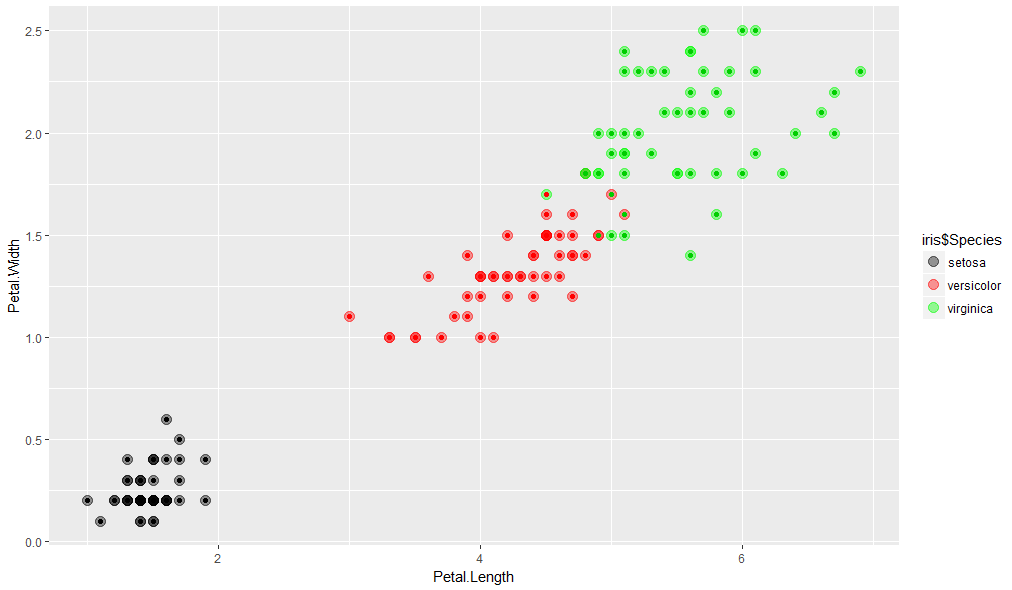
a. Linkage Type used is Complete.



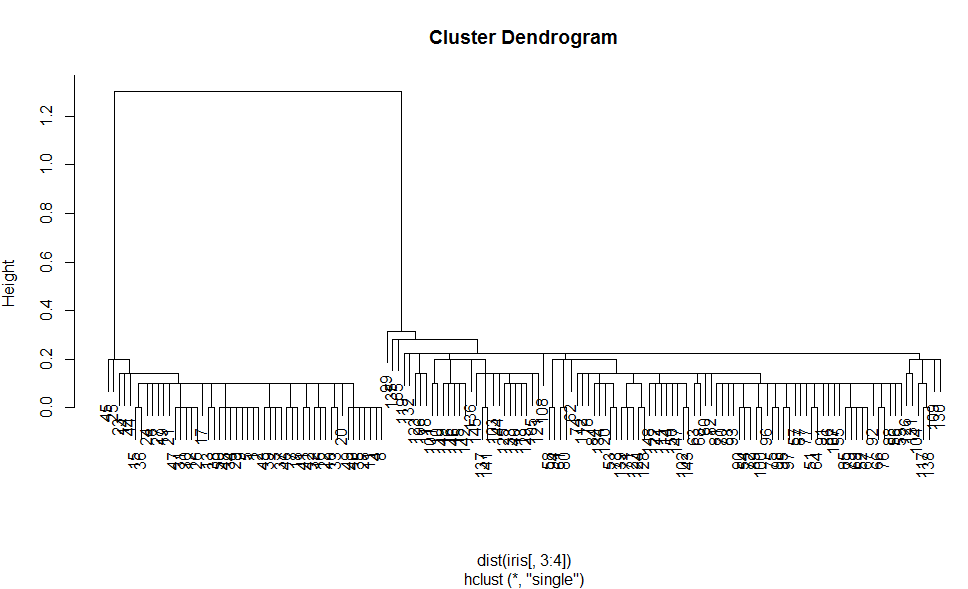


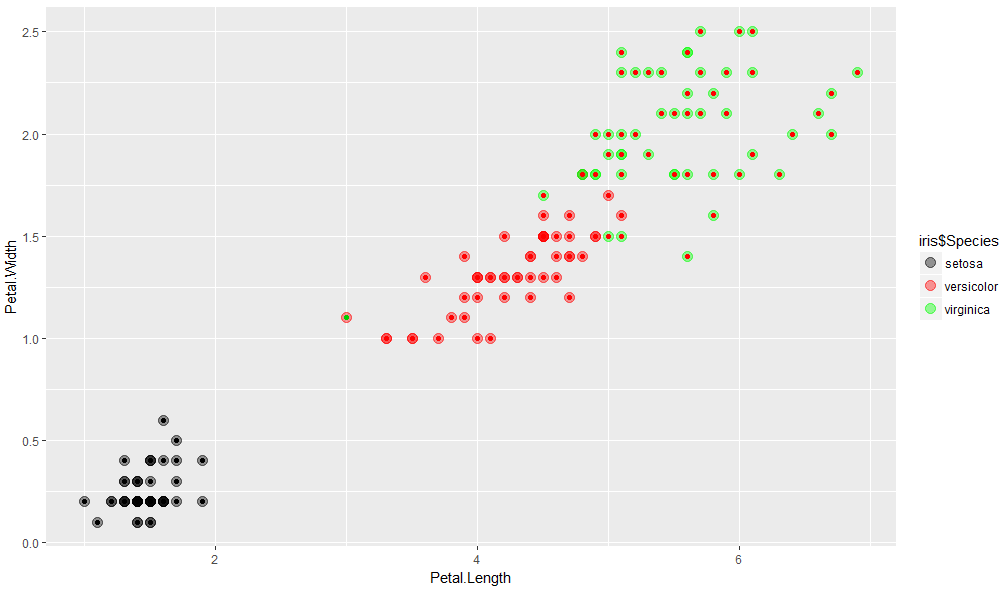
b. Linkage Type: Average



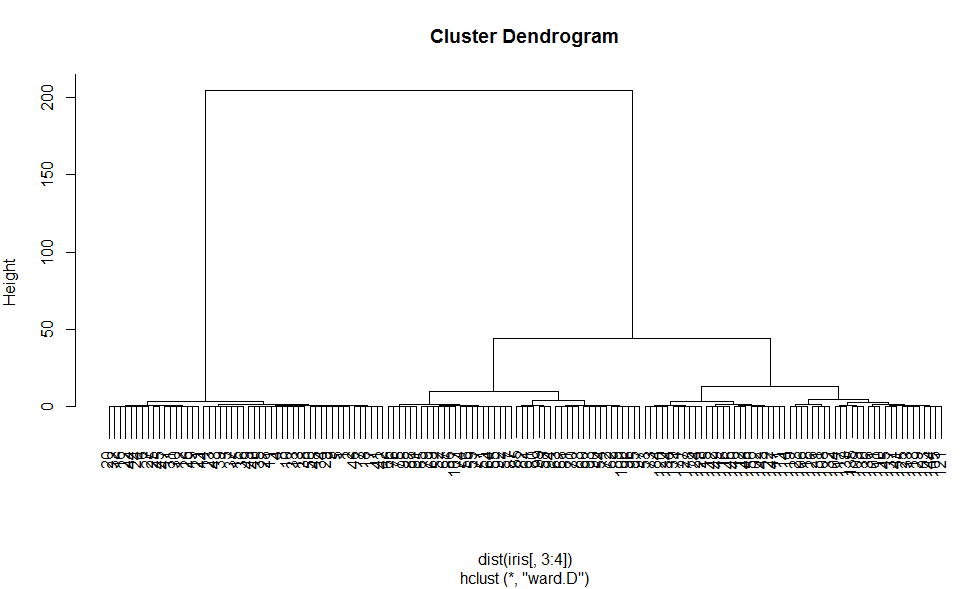


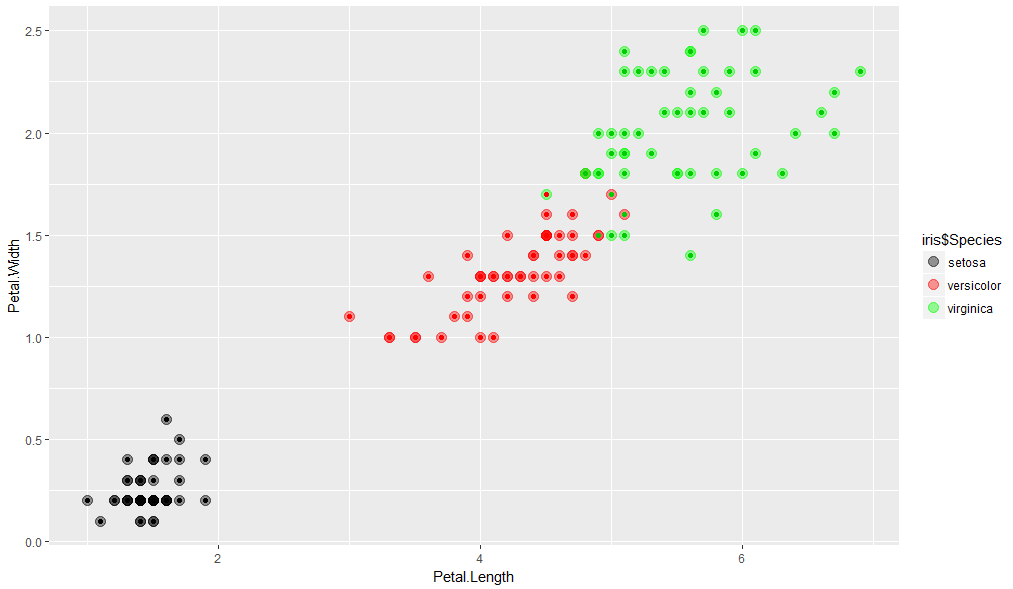
c. linkage Type : Single





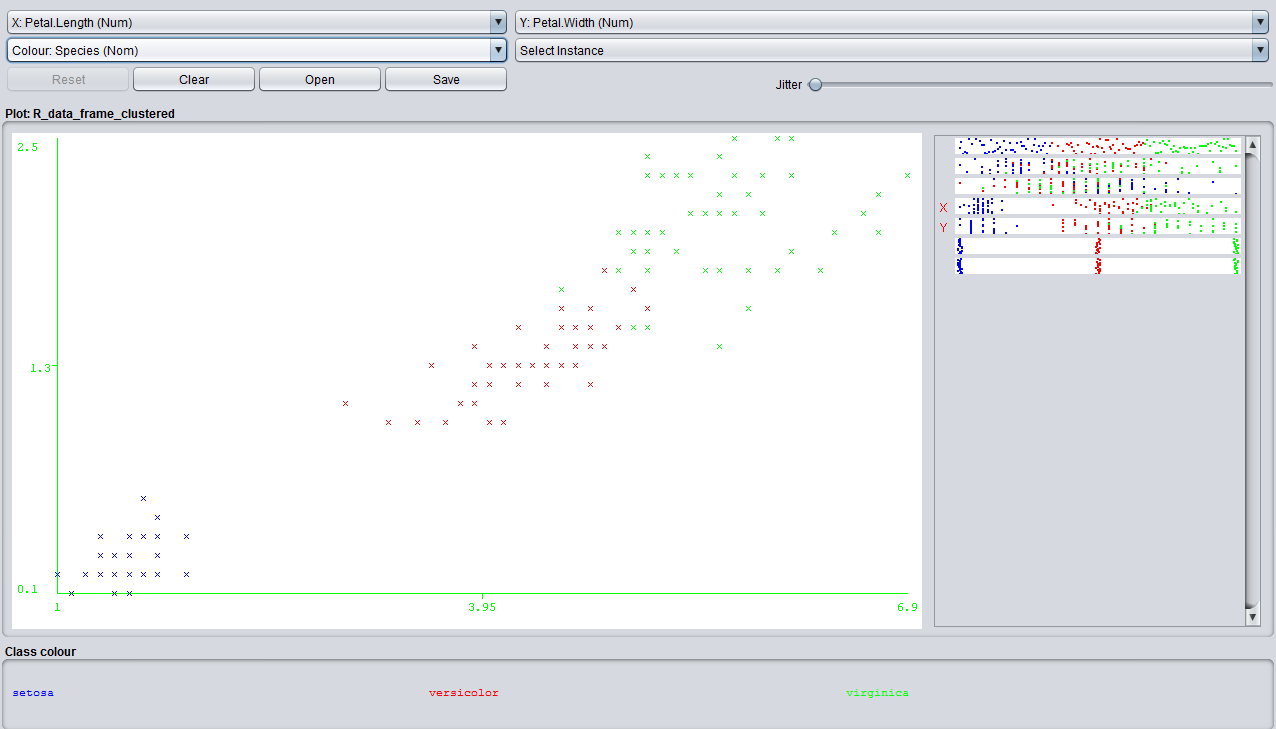
d. Linkage Type : Ward

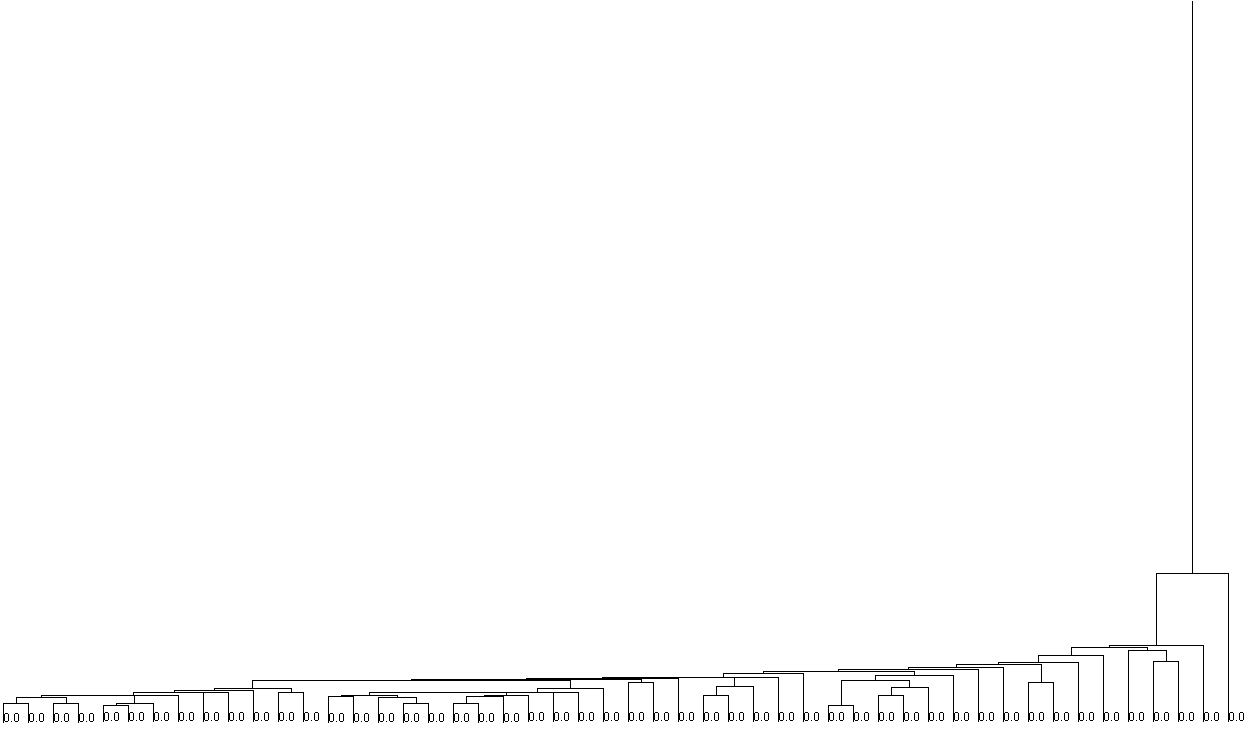


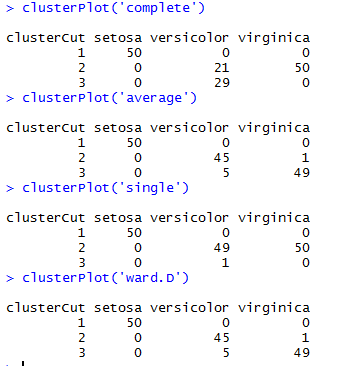


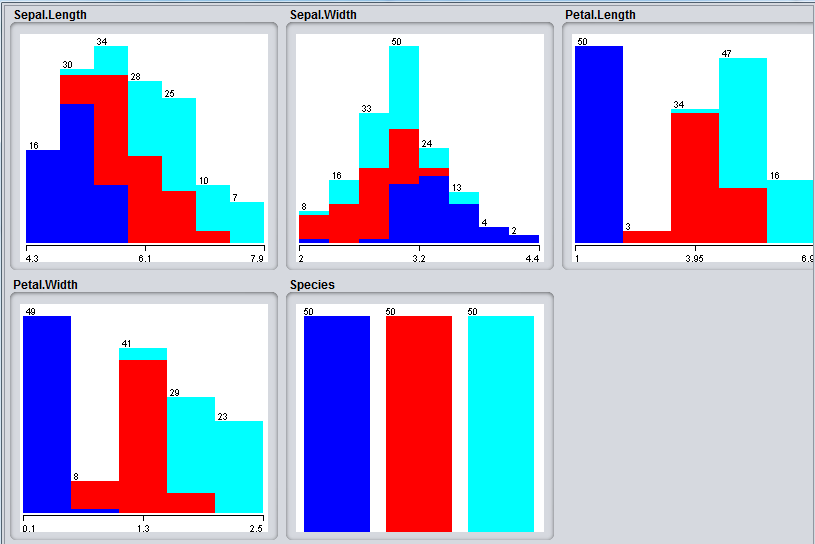
(WEKA)

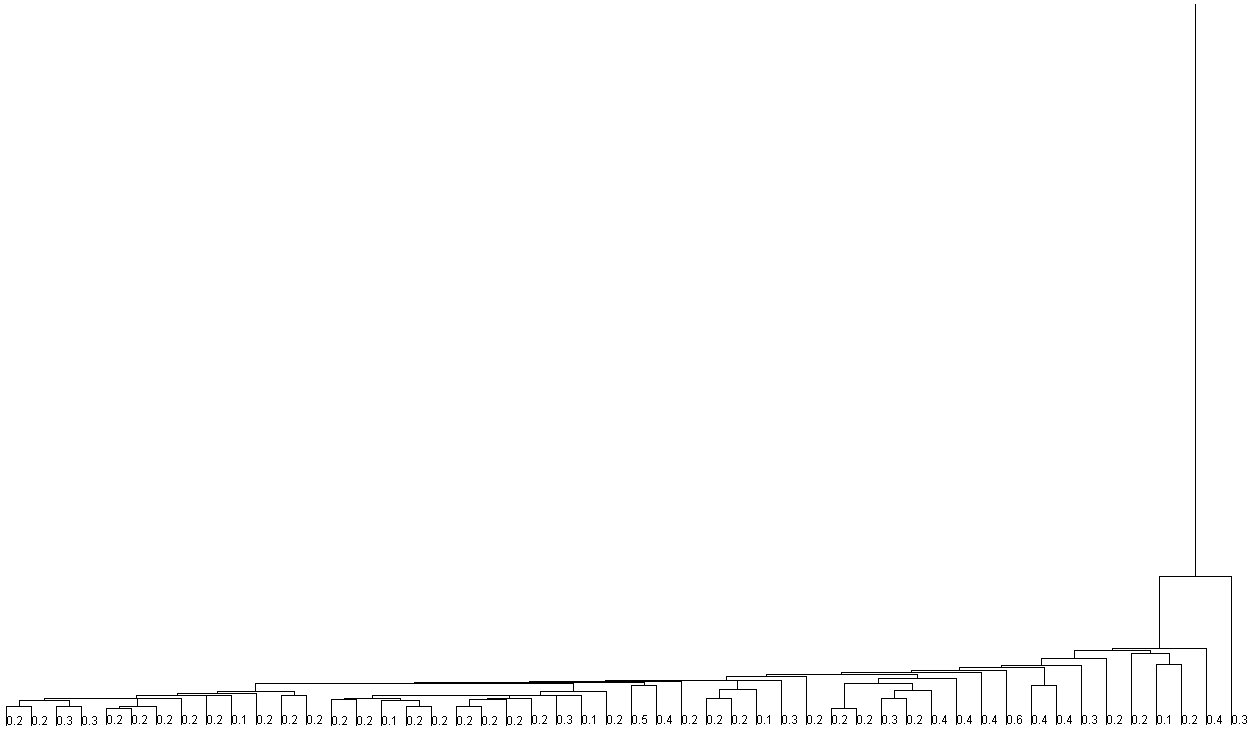
Similar output is seen for all Linkage type in Weka.









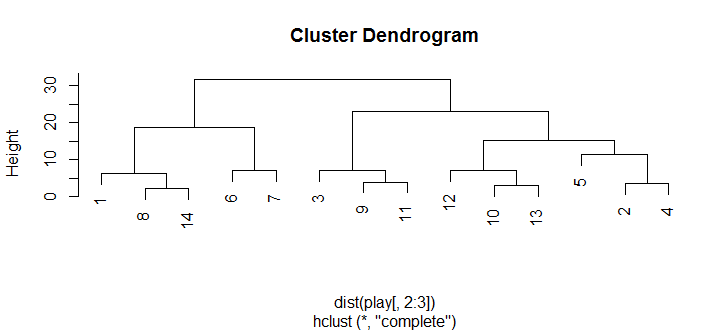


1. Play Hierarchical Clustering

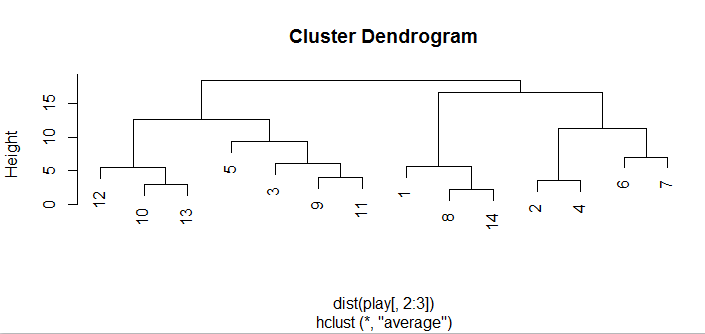
Dataset used is the Play dataset. Clusters defined is 2.

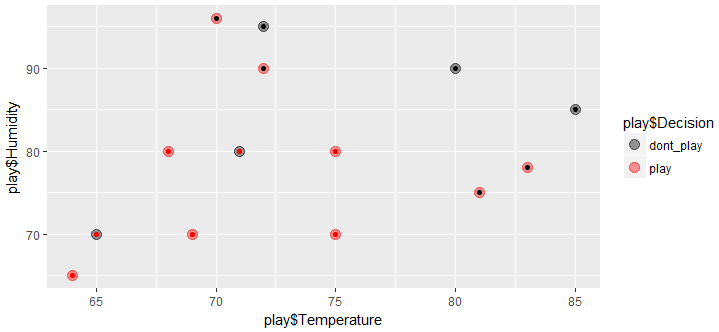
(R)

Dendogram with linkage as Complete:

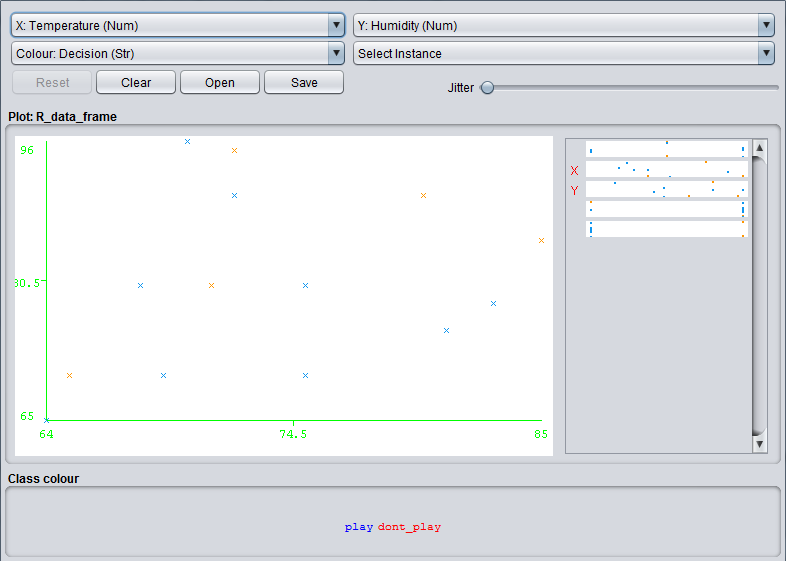


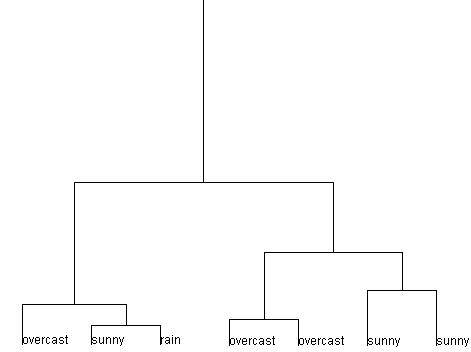
Dendogram with linkage as Average:





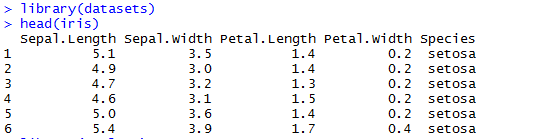
Output in WEKA.

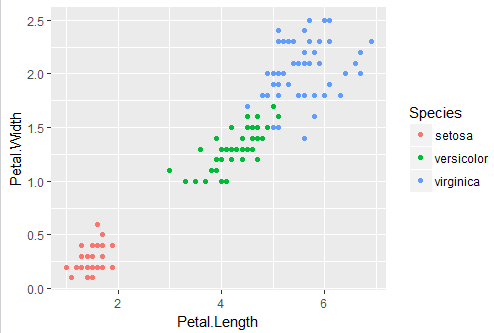


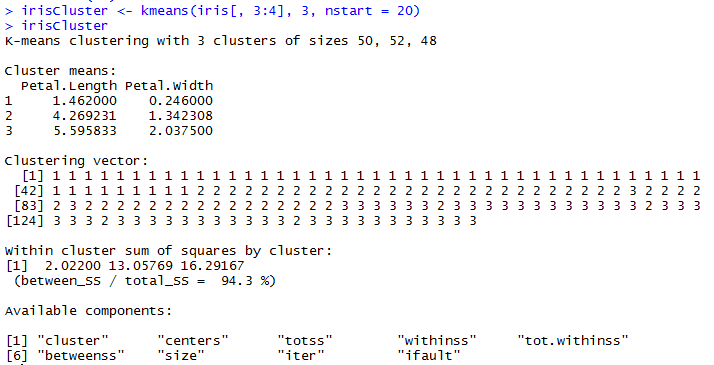


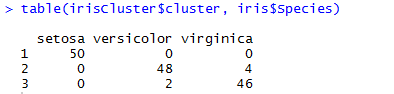
1. KMeans

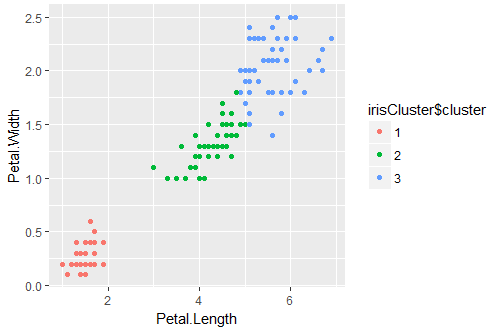
Dataset used is Iris. With number of clusters as 3.

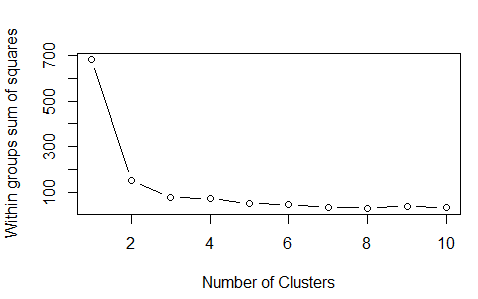






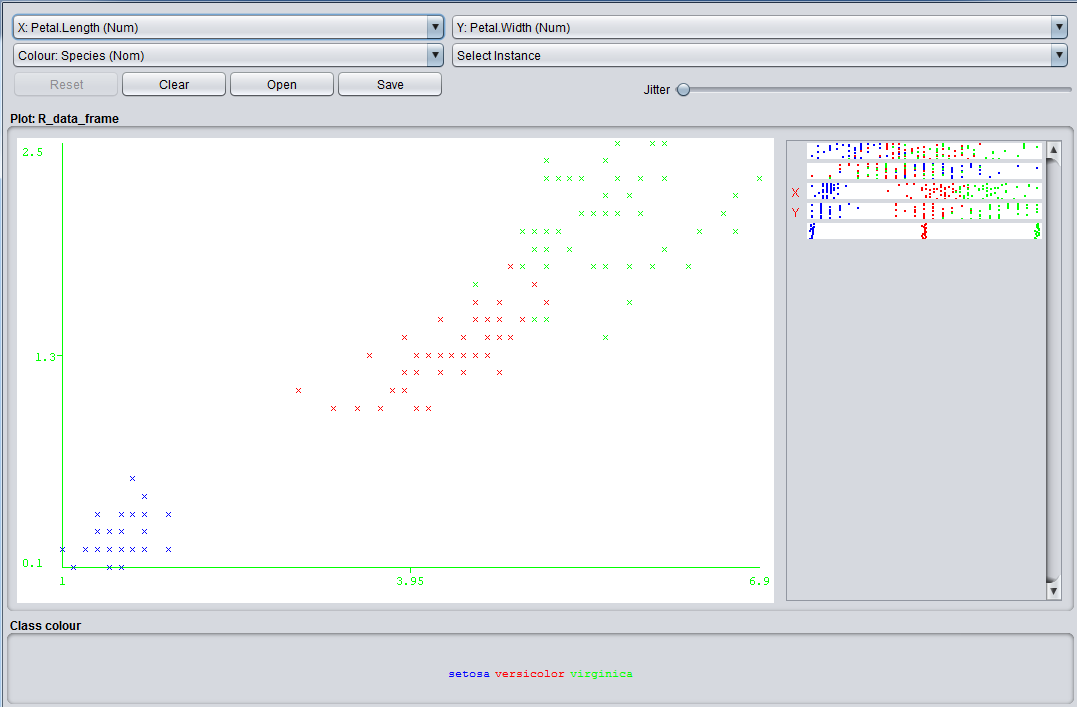


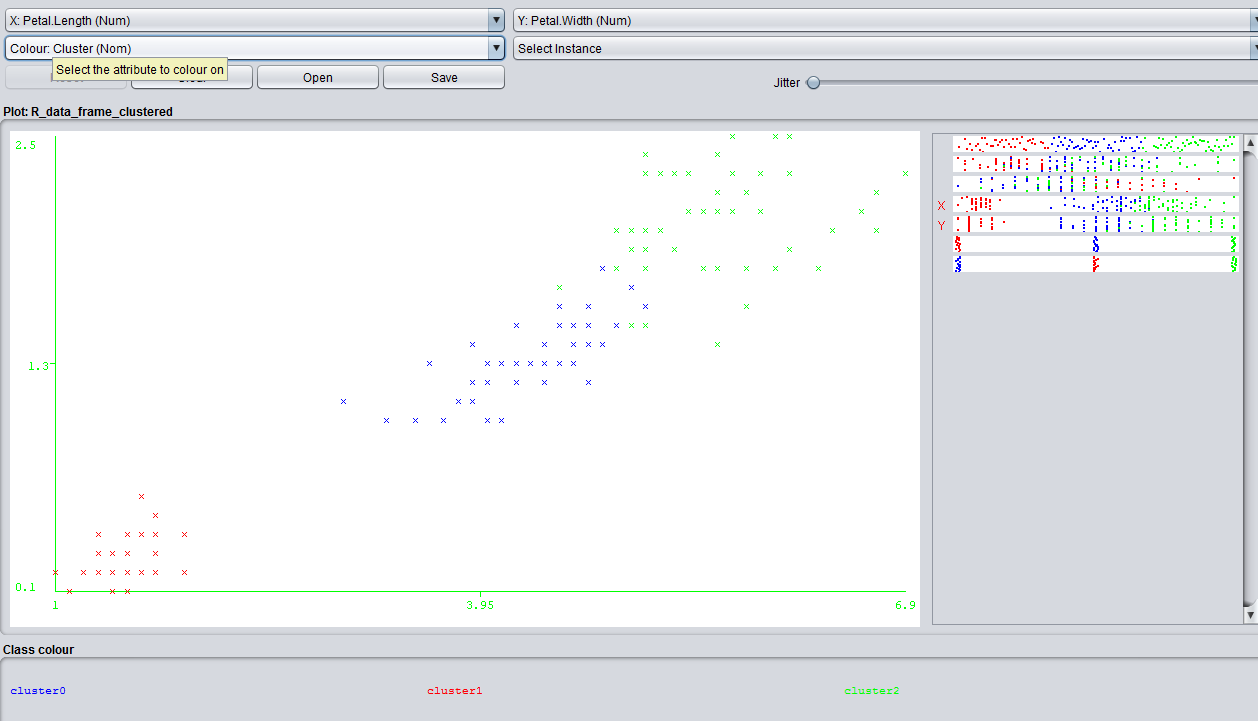






Ouput in Weka





1. KMeans Hierarchical Clustering

