The “breast cancer dataset” (wisc\_bc\_ContinuousVar.csv) in CANVAS was obtained from the University of Wisconsin Hospitals, Madison from Dr. William H. Wolberg. The features in the dataset have been categorized.

**8.1**

Using hclust, categorize the **“wisc\_bc\_ContinuousVar.csv”** data into two (2) clusters based on. All the features except the diagnosis column. Tabulate the clustered rows against the “diagnosis” column. (Remove the rows with missing values first)

**8.2**

Using k-means, categorize the **“wisc\_bc\_ContinuousVar.csv”** data into two (2) clusters based on. All the features except the diagnosis column. Tabulate the clustered rows against the “diagnosis” column. (Remove the rows with missing values first)