Digital Assignment 2

1. Consider the dataset from the below link

https://drive.google.com/file/d/1faHS-mVx2UP1D32AfeYAv0DekQ0gUknw/view?usp=sharing

- a. Find out how many data is missing in each attribute
- b. For all the missing values in 'car' attribute, fill the missing value with the mode.
- c. For the 'BuildingArea' attribute, fill the missing value with the linear interpolation and quadratic interpolation.
- d. Fill the 'yearbuilt' attribute with forward fill approach
- e. Remove all the rows which doesn't have a councilarea data.
- 2. Consider the below data set

- a. Find the frequent itemset from the dataset with support count = 4 and support count = 2.
- b. Generate the association rules for support count 2 using the two methods 'confidence' and 'lift'.
- 3. Suppose if the dataset has a Nan value

How does the frequent itemset change for the support count of 2