**Energy Consumption Analysis**

Transformation in power Query editor

Step 1 : import energy consumption file & Transform data

Step 2: select Building Master table , make firstRow as Header power Query atomatic detected datatype

Step 3 : Go to energy Consumption table here we have to do some transformation , select last 3 column water ,Electricty, gas consumption, We will make it unpivot

Transform Tab > Unpivot column > Unpivot only selected Column

Those three column have been remove, in place of those three column we have two column attribute and value and renamed it attribute to consumption type & value to Unit

Now we will remove all consumption text from consumption type column ,

Transform > Replace Value(Replce to find : Cunsumption & To : Blank-----

Step 4 : select Rates table in power query merge Year and Energy Type column make name Key ,

Select these two column > Add Column Tab >

Step 5: now select Energy Consumption table make new column for year by extracting Date column

Select date > Add Column Tab > date Dropdown > Year year column is ready

Again select Year & Consumption Type column make a new colunmn by merge named that column as Key

Add colunn > Merge column > name that Key

Now our Transformation Done , go to home Tab > Close & apply