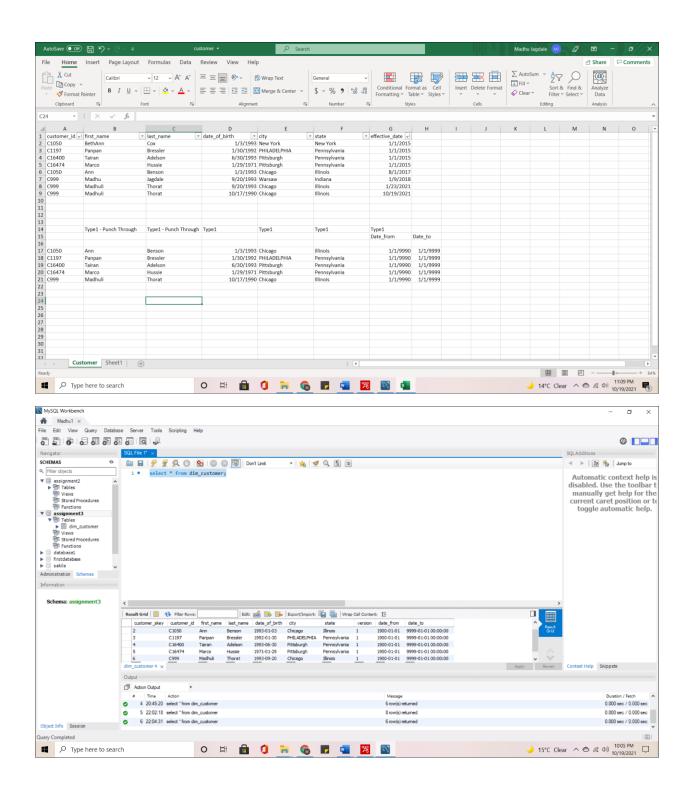
#### Assignment 3

### SCD Type 1:

It overwrites the data. If we are having 2 data for single customer (Same Customer\_ID) then it overwrites with the new data and original data is removed.

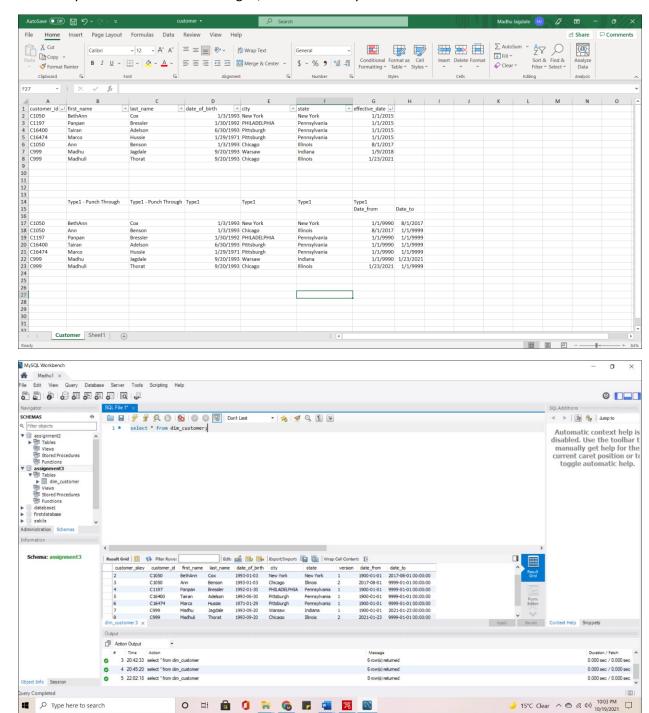
First two records of C999 has been removed and it did overwrite with the current new values.



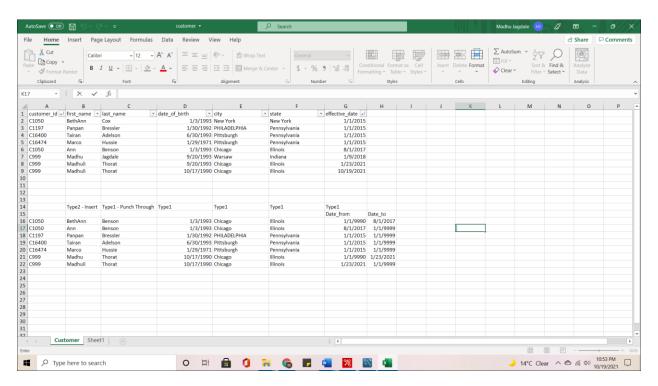
#### Assignment 3

# SCD Type 2:

It keeps the original data and add more rows with all the new changes, so that you can know what the value of any particular field was before. I have added one more column for the version which tells us for how many times data has been changed, it increments by 1.



## Mixed Type Update:



In the above diagram I have used Type1 and Type 2 SCD. By mixing these two types data can be updated. I have changed date of birth of customer ID C999 and it updated date of birth value for each record of C999 customer.

