

# Power Query

A ETL tool



## **Using Functions in Power Query**

Power Query is a ETL tool (Extract Transform Load) which provide many function (Text Functions / Date Functions/ Number Functions)

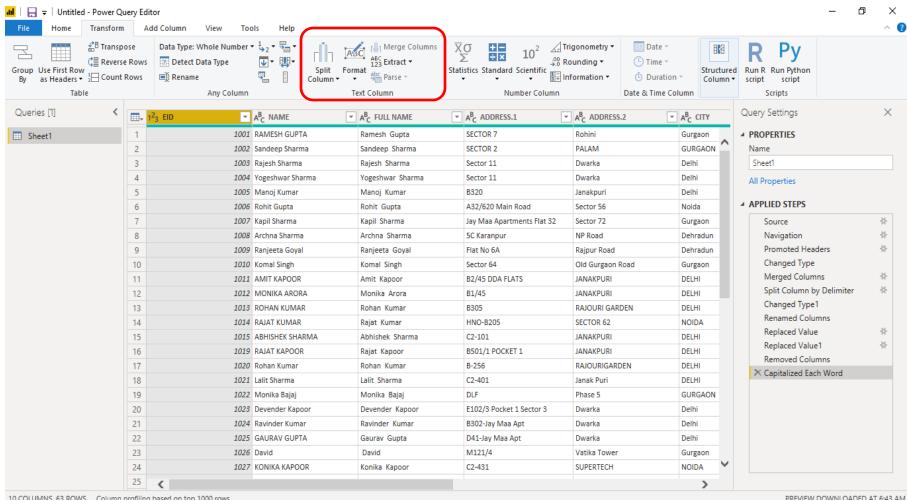
Merge
Split
Change Case
Extract (left, right, substring, Delimiter)

The best part of Power Query is you do not have to write any formula.



To get the Power Query editor select the data source and click on Transform

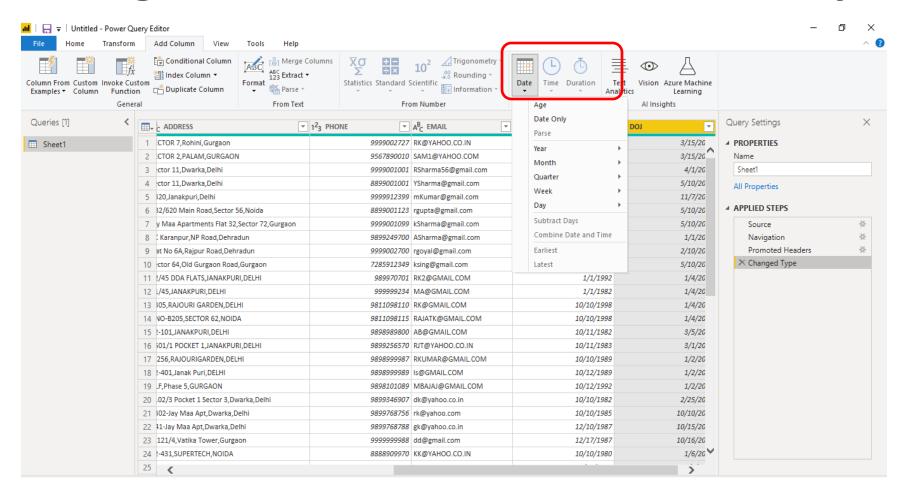
## **Using Text Functions in Power Query**





To get the Power Query editor select the data source and click on Transform

#### **Using Date Functions in Power Query**

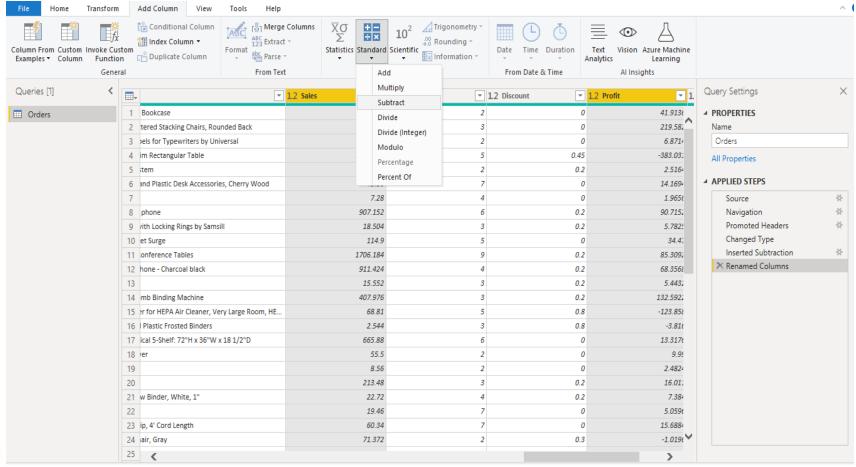






## **Using Number Functions in Power Query**

In Power Query you can use around 32 calculations without writing any formula just simple button clicks. Add, Subtract, Multiply Divide, Percentage, Percentage of, Round, Sign, Is Even, Is Odd









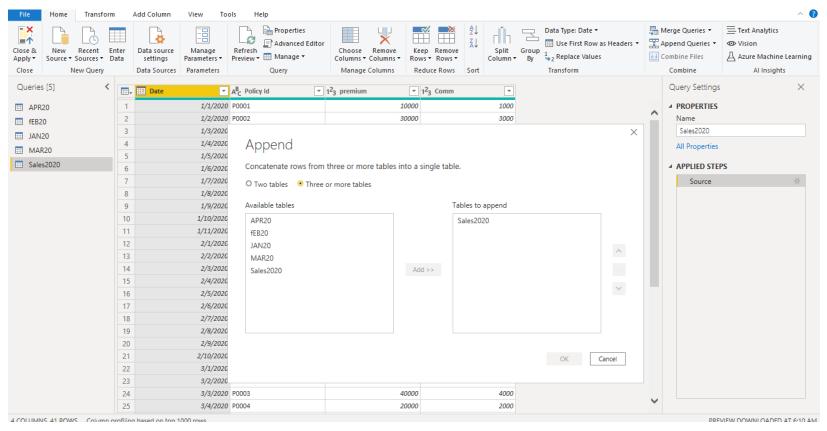
- Create a visual to display the average shipping days per state.
- Bifurcate the Regional sales count on the basis of profit & loss
- Create a visual to display the sales pattern on the basis of week day
- Create a employee code containing 1<sup>st</sup> character of 1<sup>st</sup> name, 1<sup>st</sup> character
  of last name and last 4 digits of EID.
- Create a visual to display Monthly Birthday Status of the employees



# **Appending Sheets in Power Query**

Multiple sheets in Excel can be appended as a single sheets in Power BI.

Go To Append Queries -> Append Query as New -> Select The sheets to be appended -> Click Add -> Ok



Note: Columns Name should be same.

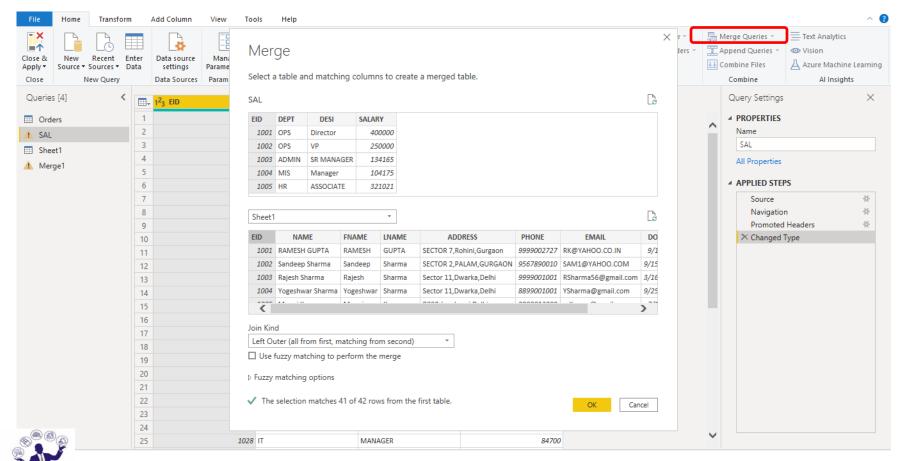
<u>To display only the appended sheet in Power BI clear the ENABLE LOAD option</u> for other sheets.



# **Merging Sheets in Power Query**

Merging Sheets in Power Query can be considered as advanced lookup.

Go To Merge Queries -> Select The tables to be merged -> Select the common field -> Specify the join type - > Ok



Merging Sheets can also be done in multiple data source & Multiple Columns