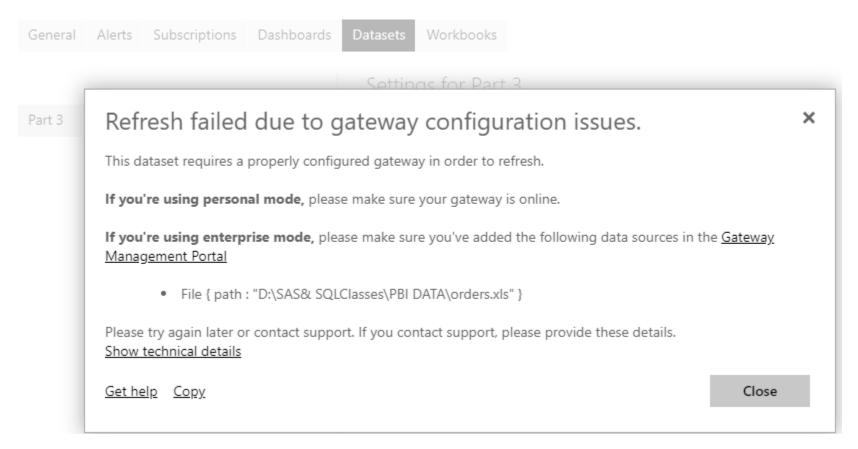
Refreshing Data in Power BI

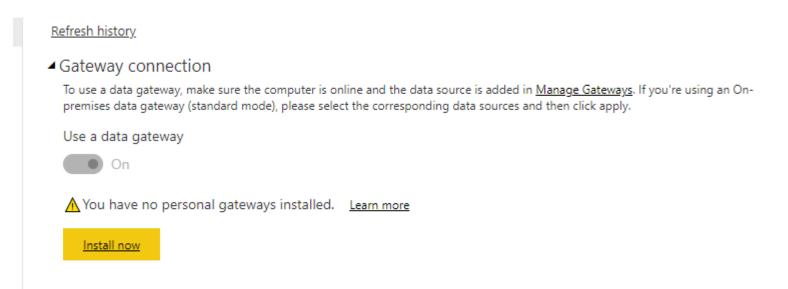
To refresh the data you need to go to: My workspace -> Datasets -> Refresh





Refreshing Data in Power Bl

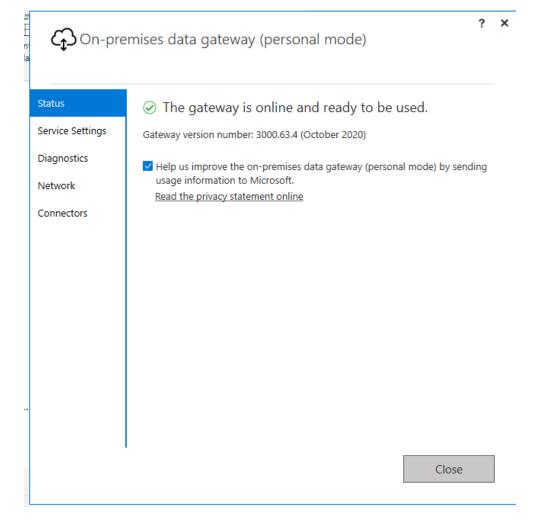
The Refresh failed message is displayed as the Data Gateway is not configured. To resolve this: Download & Install Data Gateway.



- Refresh the dataset
- Check for Username & password under
 My workspace ->Datasets -> Settings -> Data Source Credentials
 Scheduled refresh (8 Schedules in Pro & 48 in Premium Account)

Refreshing Data in Power Bl

Once the Gateway is installed and configured successfully, below confirmation will be displayed.





Refreshing Data in Power Bl

Now try to refresh the Dataset. You may be prompted with the below message.

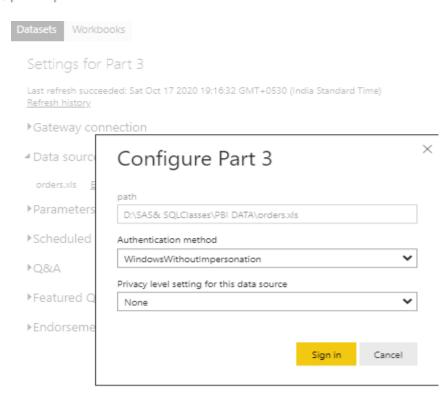
Can't refresh your data



Show technical details

Get help Copy

To resolve this you need to specify the Data source credentials



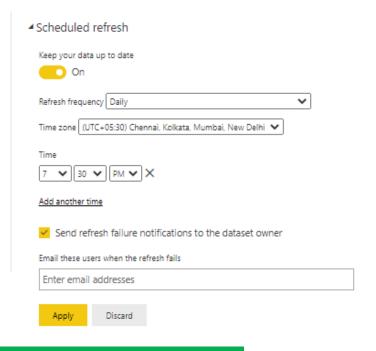
X



Scheduled Refresh in Power BI

You can automate the refresh by scheduling a refresh.

Turn on the Scheduled Refresh
Specify the frequency (Daily / Weekly)
Set the time
Specify a refresh failure email recipie
Apply









Visualize the data in any meaningful way to help the institute to analyse the data.

Design a report for the planning data based on country, institute, department, year, quarter, and qualification.

KPI

- No of Students per Country
- No of Students per Institute
- No of Students per Department
- No of Students per Qualification
- Percentage of Withdrawn cases
- Time series analysis of active and withdrawn classes





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

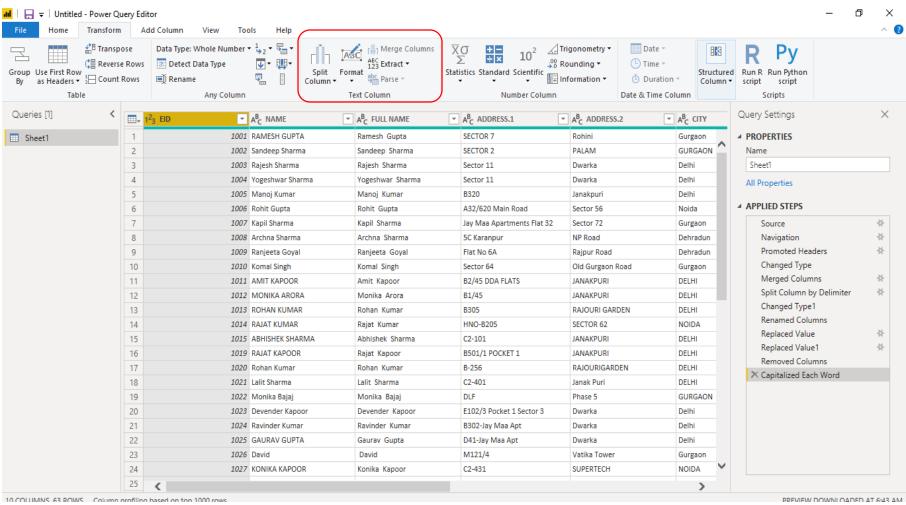
Extract (left, right, substring, Delimiter)

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

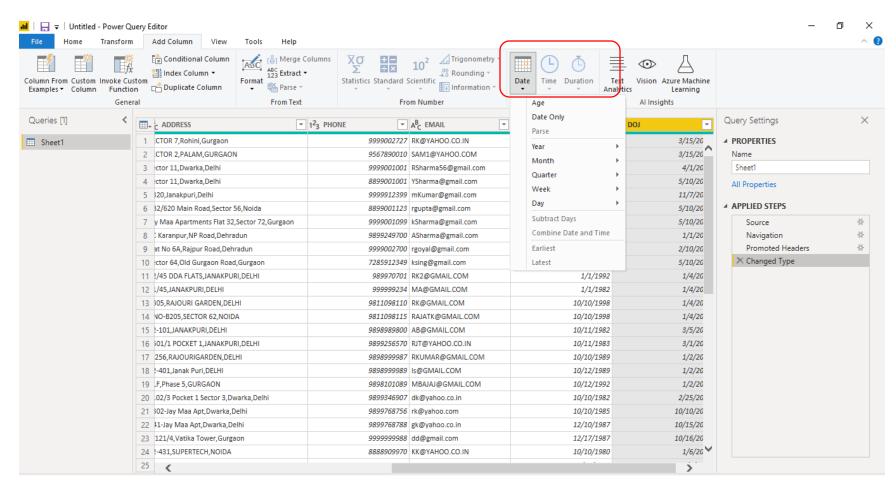
Using Text Functions in Power Query





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

Using Date Functions in Power Query

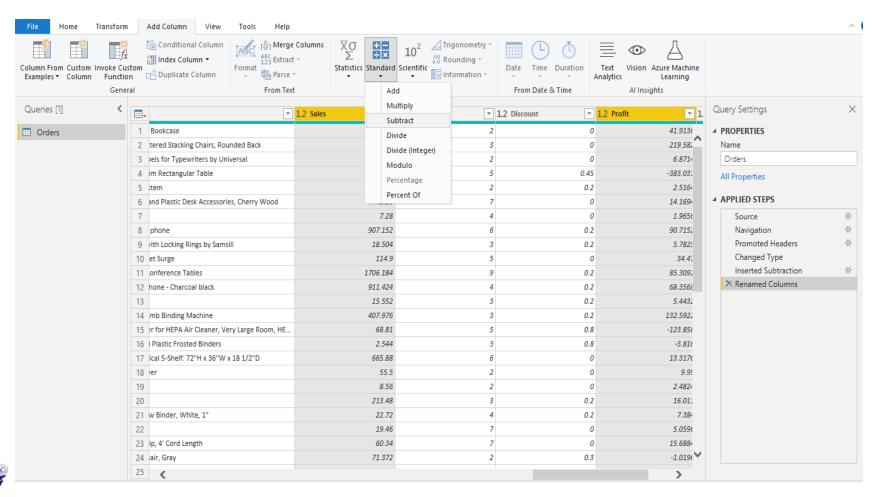






Using Number Functions in Power Query

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







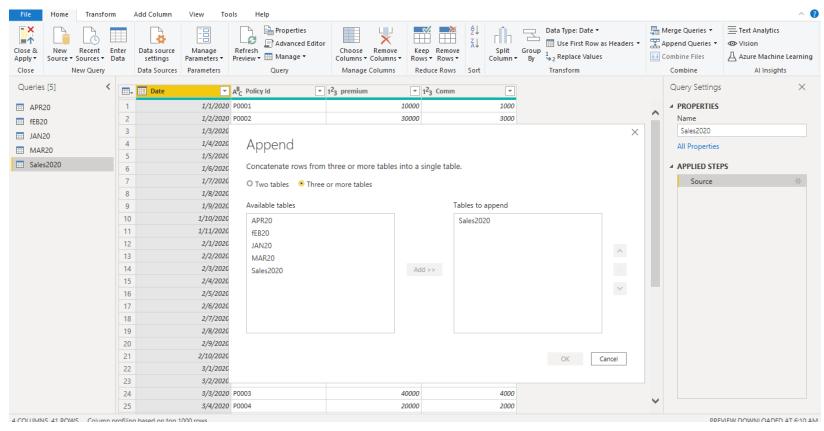
- Create a visual to display the average shipping days per state.
- Bifurcate the Regional sales count on the basis of profit & loss
- Create a visual to display the sales pattern on the basis of week day
- Create a employee code containing 1st character of 1st name, 1st character of last name and last 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





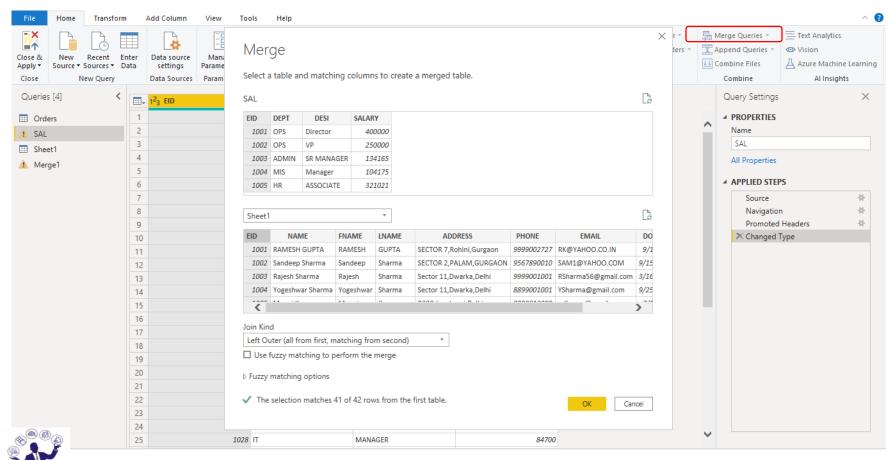
<u>To display only the appended sheet in Power BI clear the ENABLE LOAD option</u> for other sheets.



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

Columns From Example in Power Query

CFE is Just like Fast Fill In Excel. Many of the Text & date functions can be utilized without writing any function, Just by few clicks. (Split, Merge, Date Parts, Part of AlphaNumeric Data)

