**Building fact\_actual\_estimates table**

**Purpose**

* fact\_ActualEstimates table is built to combine historical data with predicted data, providing a comprehensive view of the sales performance and forecasting accuracy.
* It helps in Trend Analysis, Improved insights and Performance Evaluation to assess how closely the actual sales match the forecasts.

We need to build fact\_actual\_estimatestable such that

* Transactions before current month are from fact\_sales\_monthly
* Transaction after current month are from fact\_forecast\_monthly

**Steps:**

1. Get the current month from fact\_sales\_montly
2. Get the Remaining forecast from fact\_forecast\_monthly
3. Create fact\_ActualEstimates by appending fact\_sales\_monthly with Remaining forecast.

**Get the current month**

1. Create a reference of the fact\_sales\_monthly
2. The in the formula editor, for the column fact\_sales\_monthly[date],

Edit the formula as

= List.Max(#"gdb041 fact\_sales\_monthly"[date])

1. Rename this reference table as LastSalesMonth

**Note:** Created the reference of fact\_sales\_monthly so that, as the current month gets updated, transactions are updated automatically so that the table will dynamically change to incorporate only the forecast data.

**Get the Remaining forecast from fact\_forecast\_monthly**

1. Create a reference of the fact\_forecast\_monthly,
2. Select any filter on date column and edit the formula as

= Table.SelectRows(Source, each ([date] > LastSalesMonth))

1. Rename this reference table as Remaining\_Forecast

**Note:** Transactions after current month are taken from fact\_forecast\_monthly which are stored in Remaining\_Forecast

**Create fact\_ActualEstimates**

Appended fact\_sales\_monthly with Remaining\_Forecast to get fact\_ActualsEstimates.

**Note:** Rename sold\_quantity from fact\_sales\_monthly as Qty and rename forecast\_Quantity in Remaining\_forecast as Qty before appending, for column names consistency.