Sales Qty = CALCULATE([Quantity],

fact\_actuals\_estimates[date] <= MAX(LastSalesMonth[LastSalesMonth]))

Forecast\_Qty =

var lsalesdate = MAX(LastSalesMonth[LastSalesMonth])

RETURN

CALCULATE(SUM(fact\_forecast\_monthly[forecast\_quantity]),

fact\_forecast\_monthly[date] <= lsalesdate)

Net Error = [Forecast\_Qty] - [Sales Qty]

Net Error % = DIVIDE([Net Error],[Forecast\_Qty],0)

-----------------------------------------------------------------

To calculate Absolute Net Error,

* we need to calculate Net Error per month
* and then take absolute of each of them per product
* and then aggregate them

ABS Error = SUMX(DISTINCT(dim\_date[date]),

SUMX(DISTINCT(dim\_product[product\_code]),

ABS([Net Error])))

ABS Error % = DIVIDE([ABS Error], [Forecast\_Qty],0)

Forecast Accuracy % = IF([ABS Error %] <> BLANK(), 1 - [ABS Error %], BLANK())

Forecast Accuracy % LY =

CALCULATE([Forecast Accuracy %],

SAMEPERIODLASTYEAR(dim\_date[date]))

Risk = IF([Net Error] > 0, "Excess Inventory",

IF([Net Error] < 0, "Out of Stock", BLANK()))

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**Top Customers with [Forecast Accuracy %] and [Net Error]**

* Select a table visual,
* Select columns as dim\_customer[customer], [Forecast Accuracy %], [Forecast Accuracy LY %], [Net Error] and [Risk]

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**Top Products with [Forecast Accuracy %] and [Net Error]**

* Select a matrix visual,
* Select Rows as dim\_product[segment], dim\_product[category],

and dim\_product[product].

* Select values as [Forecast Accuracy %], [Forecast Accuracy LY %], [Net Error], [Net Error %] and [Risk]

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**[Forecast Accuracy %] overtime**

* Select a line and clustered chart visual,
* Select X-axis as dim\_date[month]
* Change X-axis type as categorical
* Select Line Y-axis as [Forecast Accuracy %], [Forecast Accuracy LY %]
* Select column Y-axis as [Net Error]

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