

Lesson - 14

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File Home Insert Modeling View Optimize Help Table tools Measure tools

Name: 1 Sales Growth % YoY - Format: Decimal number Data category: Uncategorized

Home table: Measure

Structure

```
1 1 Sales Growth % YoY -
2 VAR SalesCY =
3     CALCULATE(
4         SUM('Chocolate Sales'[Amount]),
5         'DateTable'
6     )
7 VAR SalesLY =
8     CALCULATE(
9         SUM('Chocolate Sales'[Amount]),
10        SAMEPERIODLASTYEAR('DateTable'[Date])
11    )
12 RETURN
13 IF(SalesLY = 0, BLANK(), DIVIDE(SalesCY - SalesLY, SalesLY))
14
```

Build

Suggestions

Data

- Chocolate Sales
- DateTable
- Measure
 - 1 Sales Growth ...
 - 2 Sales Differen...
 - 3 Total & Avg B...
 - 4 Average Mon...
 - 5 Growth % Mo...
 - 6 3M Moving A...
 - 7 Performance ...

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Name: 2 Sales Difference MoM - Format: Currency Data category: Uncategorized

Home table: Measure

Structure

```
1 2 Sales Difference MoM -
2 VAR SalesCH =
3     CALCULATE(
4         SUM('Chocolate Sales'[Amount]),
5         'DateTable'[Year] = YEAR(TODAY()),
6         'DateTable'[Month Number] = MONTH(TODAY())
7     )
8 VAR SalesPM =
9     CALCULATE(
10        SUM('Chocolate Sales'[Amount]),
11        PREVIOUSMONTH('DateTable'[Date])
12    )
13 RETURN
14 SalesCH - SalesPM
15
```

Build

Suggestions

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File Home Insert Modeling View Optimize Help Table tools Measure tools

Name: 3 Total & Avg Boxes - Format: Text Data category: Uncategorized

Home table: Measure

Structure

```
1 3 Total & Avg Boxes -
2 VAR TotalBoxes = SUM('Chocolate Sales'[Boxes Shipped])
3 VAR AvgMonthlyBoxes =
4     AVERAGEX(
5         VALUES('DateTable'[Year-Month]),
6         CALCULATE(SUM('Chocolate Sales'[Boxes Shipped]))
7     )
8 RETURN
9 "Total: " & FORMAT(TotalBoxes, "#,###") &
10 " | Average per Month: " & FORMAT(AvgMonthlyBoxes, "#,###")
11
```

Build

Suggestions

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- Chocolate Sales
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 - 1 Sales Growth ...
 - 2 Sales Differen...
 - 3 Total & Av...
 - 4 Average Mon...
 - 5 Growth % Mo...
 - 6 3M Moving A...
 - 7 Performance ...
 - 8 Top 5 Product...

0.00 5 Growth % MoM

19,79MP 6 3M Moving Avg Sales

Top Performer 7 Performance Message

Yes 8 Top 5 Product Flag

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Name: 4 Average Monthly... Format: General Data category: Uncategorized

Home table: Measure

Structure

```
1 4 Average Monthly Boxes -
2 VAR AvgMonthlyBoxes =
3     AVERAGEX(
4         VALUES('DateTable'[Year-Month]),
5         CALCULATE(SUM('Chocolate Sales'[Boxes Shipped]))
6     )
7 RETURN
8 AvgMonthlyBoxes
9
```

Build

Suggestions

Data

- Chocolate Sales
- DateTable
- Measure
 - 1 Sales Growth ...
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 - 3 Total & Avg B...
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 - 5 Growth % Mo...
 - 6 3M Moving A...
 - 7 Performance ...
 - 8 Top 5 Product...

0.00 5 Growth % MoM

19,79MP 6 3M Moving Avg Sales

Top Performer 7 Performance Message

Yes 8 Top 5 Product Flag

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File Home Insert Modeling View Optimize Help Table tools Measure tools

Name: 5 Growth % MoM Format: General Data category: Uncategorized

Home table: Measure

Structure

```

1 5 Growth % MoM =
2 VAR SalesCM =
3     CALCULATE(
4         SUM('Chocolate Sales'[Amount]),
5         'DateTable'[Year-Month] = FORMAT(TODAY(), "YYYY-MM")
6     )
7 VAR SalesPM =
8     CALCULATE(
9         SUM('Chocolate Sales'[Amount]),
10        PREVIOUSMONTH('DateTable'[Date])
11    )
12 RETURN
13 IF(SalesPM = 0, BLANK(), DIVIDE(SalesCM - SalesPM, SalesPM))
14

```

Build

Measure

1 Sales Growth ...

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5 Growth % Mo...

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Name: 6 3M Moving Avg ... Format: Currency Data category: Uncategorized

Home table: Measure

Structure

```

1 6 3M Moving Avg Sales =
2 AVERAGEX(
3     DATESINPERIOD(
4         'DateTable'[Date],
5         MAX('DateTable'[Date]),
6         -3,
7         MONTH
8     ),
9     CALCULATE(SUM('Chocolate Sales'[Amount]))
10 )
11

```

0.00 5 Growth % MoM

19,79MP 6 3M Moving Avg Sales

Top Performer 7 Performance Message

Yes 8 Top 5 Product Flag

Build

Measure

1 Sales Growth ...

2 Sales Differen...

3 Total & Avg B...

4 Average Mon...

5 Growth % Mo...

6 3M Moving A...

7 Performance ...

8 Top 5 Product...

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File Home Insert Modeling View Optimize Help Table tools Measure tools

Name: 7 Performance Mes... Format: Text Data category: Uncategorized

Home table: Measure

Structure

```

1 7 Performance Message =
2 VAR SelectedProduct = SELECTEDVALUE('Chocolate Sales'[Product])
3 VAR SalesCY =
4     CALCULATE(SUM('Chocolate Sales'[Amount]), 'Chocolate Sales'[Product] = SelectedProduct)
5 VAR SalesLY =
6     CALCULATE(SUM('Chocolate Sales'[Amount]), SAMEPERIODLASTYEAR('DateTable'[Date]), 'Chocolate Sales'[Product] = SelectedProduct)
7 VAR Growth = IF(SalesLY = 0, BLANK(), DIVIDE(SalesCY - SalesLY, SalesLY) * 100)
8 VAR ProductRank =
9     RANKX(
10        ALL('Chocolate Sales'[Product]),
11        CALCULATE(SUM('Chocolate Sales'[Amount])),
12        ,
13        DESC
14    )
15 RETURN
16 SWITCH(
17     TRUE(),
18     ProductRank <= 3 && Growth > 0, "Top Performer - Sales up by " & FORMAT(Growth, "0.0") & "%",
19     ProductRank <= 3, "Top Performer",
20     Growth > 0, "Consistent Performer",
21     "Needs Improvement"
22 )
23

```

Build

Measure

1 Sales Growth ...

2 Sales Differen...

3 Total & Avg B...

4 Average Mon...

5 Growth % Mo...

6 3M Moving A...

7 Performance ...

8 Top 5 Product...

Σ Column

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Name: 8 Top 5 Product Flag Format: Text Data category: Uncategorized

Home table: Measure

Structure

```

1 8 Top 5 Product Flag =
2 VAR ProductRank =
3     RANKX(
4         ALL('Chocolate Sales'[Product]),
5         CALCULATE(SUM('Chocolate Sales'[Amount])),
6         ,
7         DESC
8     )
9 RETURN
10 IF(ProductRank <= 5, "Yes", "No")
11

```

0.00 5 Growth % MoM

19,79MP 6 3M Moving Avg Sales

Top Performer 7 Performance Message

Yes 8 Top 5 Product Flag

Build

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1 Sales Growth ...

2 Sales Differen...

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4 Average Mon...

5 Growth % Mo...

6 3M Moving A...

7 Performance ...