Basic Level (1–5)

1. Total Sales Amount (All-Time)

```
Total Sales = SUM ( Sales[SalesAmount] )
```

2. Total Sales for the Current Year

```
Total Sales CY =
CALCULATE (
    [Total Sales],
    DATESYTD ( 'Date'[Date] )
)
```

3. Total Sales for the Last Year

```
Total Sales LY =
CALCULATE (
    [Total Sales],
    SAMEPERIODLASTYEAR ( 'Date'[Date] )
)
```

4. Total Sales for the Current Month

```
Total Sales CM =
CALCULATE (
    [Total Sales],
    DATESMTD ( 'Date'[Date] )
)
```

5. Total Sales for the Current Quarter

```
Total Sales CQ =
CALCULATE (
    [Total Sales],
    DATESQTD ( 'Date'[Date] )
)
```

☐ Intermediate (6–10)

6. Sales Growth % Compared to Last Year (%YoY)

```
Sales YoY % =
DIVIDE (
    [Total Sales] - [Total Sales LY],
    [Total Sales LY]
)
```

7. Total Sales for the Last Month

```
Total Sales LM =
CALCULATE (
    [Total Sales],
    PARALLELPERIOD ( 'Date'[Date], -1, MONTH )
)
```

8. Running Total of Sales

```
Running Total Sales =
CALCULATE (
    [Total Sales],
    FILTER (
        ALL ( 'Date' ),
        'Date'[Date] <= MAX ( 'Date'[Date] )
    )
)
```

9. Sales for the Last 3 Months

```
Sales Last 3M =
CALCULATE (
    [Total Sales],
    DATESINPERIOD ( 'Date'[Date], MAX ( 'Date'[Date] ), -3, MONTH )
)
```

10. Month with the Highest Sales in Last 12 Months

```
Max Sales Month =
CALCULATE (
    MAXX ( VALUES ( 'Date'[MonthName] ), [Total Sales] ),
    DATESINPERIOD ( 'Date'[Date], MAX ( 'Date'[Date] ), -12, MONTH )
)
```

🌑 Advanced (11–15)

11. Compare Q1 Sales of Each Year

```
Q1 Sales =
CALCULATE (
    [Total Sales],
    FILTER ( 'Date', 'Date'[MonthNumber] IN {1, 2, 3} )
)
```

12. YoY Difference Only for December

```
December YoY Difference =
IF (
    MONTH ( MAX ( 'Date'[Date] ) ) = 12,
    [Total Sales] - [Total Sales LY],
    BLANK ()
)
```

13. Rolling 12 Months Sales

```
Sales Last 12M =
CALCULATE (
    [Total Sales],
    DATESINPERIOD ( 'Date'[Date], MAX ( 'Date'[Date] ), -12, MONTH )
)
```

14. Sales Difference Between Current and Previous Quarter

```
Quarter Difference =
```

```
[Total Sales CQ] -
CALCULATE (
    [Total Sales],
    PARALLELPERIOD ( 'Date'[Date], -1, QUARTER )
)
```

15. Flag: Months Where Sales Exceeded Previous Year by 10%+

```
Sales > 110% LY =
IF (
    [Total Sales] > 1.1 * [Total Sales LY],
    1,
    0
)
```

☑ These are reusable measures. Just make sure:

- You have a proper **Date table** (continuous, marked as Date Table in Power BI).
- Replace `'Date'` with the name of your actual Date dimension.