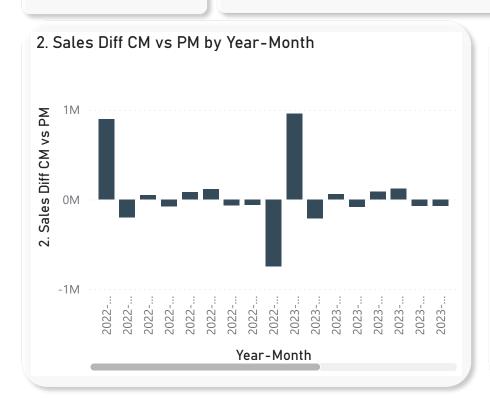
# 1.Sales Growth % YoY

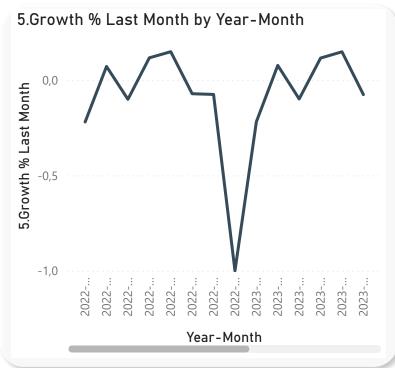
0,54

Total Boxes = 540,437, Avg Monthly Boxes = 15,012

### **Avg Monthly Boxes**

15,01K





## 8.Top 5 Tips to Optimize DAX Queries (manual optimization)

**Avoid repeated calculations**  $\rightarrow$  store values in **VAR** (e.g., calculate rank once).

Use measures instead of calculated columns → measures are context-aware & efficient.

**Remove unnecessary filters** → wrap in REMOVEFILTERS() instead of ALL() when possible.

**Aggregate early** → summarize data before applying complex filters.

Use appropriate time intelligence  $\rightarrow$  built-in functions like DATESYTD, SAMEPERIODLASTYEAR are optimized at engine level.

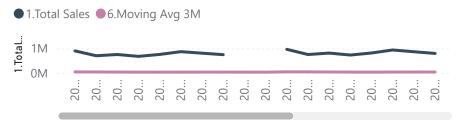
#### 9. Benefits of Optimization Tools

**DAX Studio** → analyze query plans, measure performance, detect bottlenecks.

**Performance Analyzer (in Power BI)**  $\rightarrow$  see which visuals/measures take longest to compute.

**Tabular Editor** → manage measures, calculation groups, best-practice checks; great for large models.

#### 1.Total Sales and 6.Moving Avg 3M by Year-Month



#### 7.Performance Message

Top Performer - Sales up by 54.3%

