Aamzon Sales Trend

View in Power BI ↗

Content
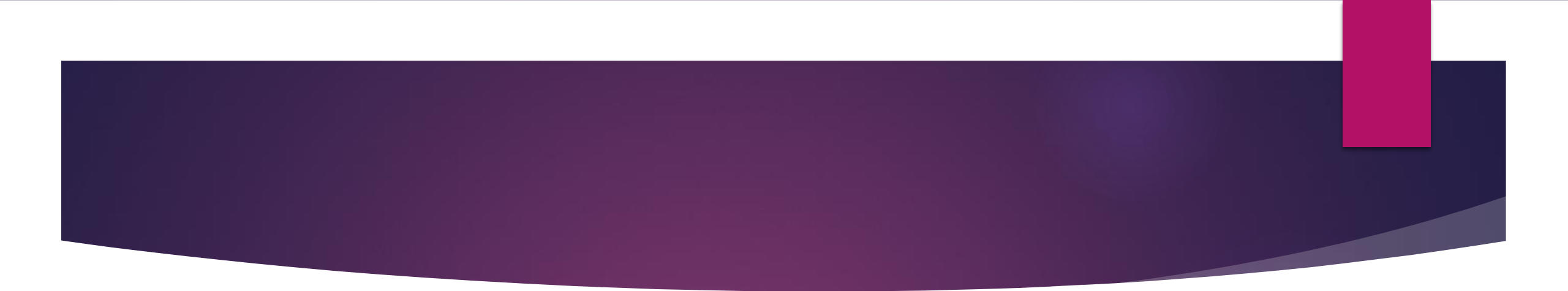
- Problem Statement
- Approaches
- Sales Trends Report
  - Year-wise
  - Month-wise sales trend
  - Year-month wise sales trend

Problem Statement

❖ Analyze month-wise, year-wise, and yearly_month-wise sales trends using ETL on an Amazon dataset.

Approaches for Sales Trend Analysis

- Approach 1: Python with Pandas and Matplotlib.

- Approach 2 : R with dplyr and ggplot2

- Approach 3 : Tableau

- Approach 4 : PowerBI

Python with Pandas

- Python with Pandas for data manipulation and analysis
  - ▶ df.info()
  - ▶ df.describe()
  - ▶ df.isnull().sum()
  - ▶ cleaned_data.dropna(inplace=True)

Power BI for Data Visualization

➢ Power BI is a powerful business intelligence tool by Microsoft.

➢ Import and transform the sales dataset.

➢ Leverage interactive visuals and data modelling capabilities.

➢ Utilize DAX formulas for advanced calculations.

➢ Create insightful sales trend visualizations and reports.

Sales Trends Report

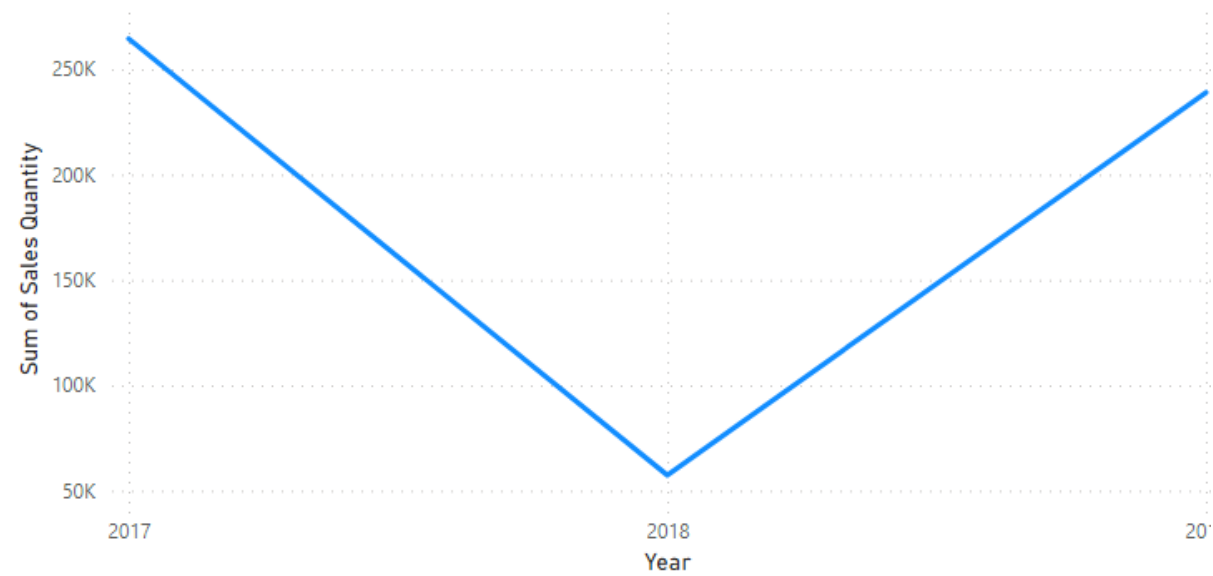# Total Sales

Sum of Sales Price

Sum of Sales Price

16.55M

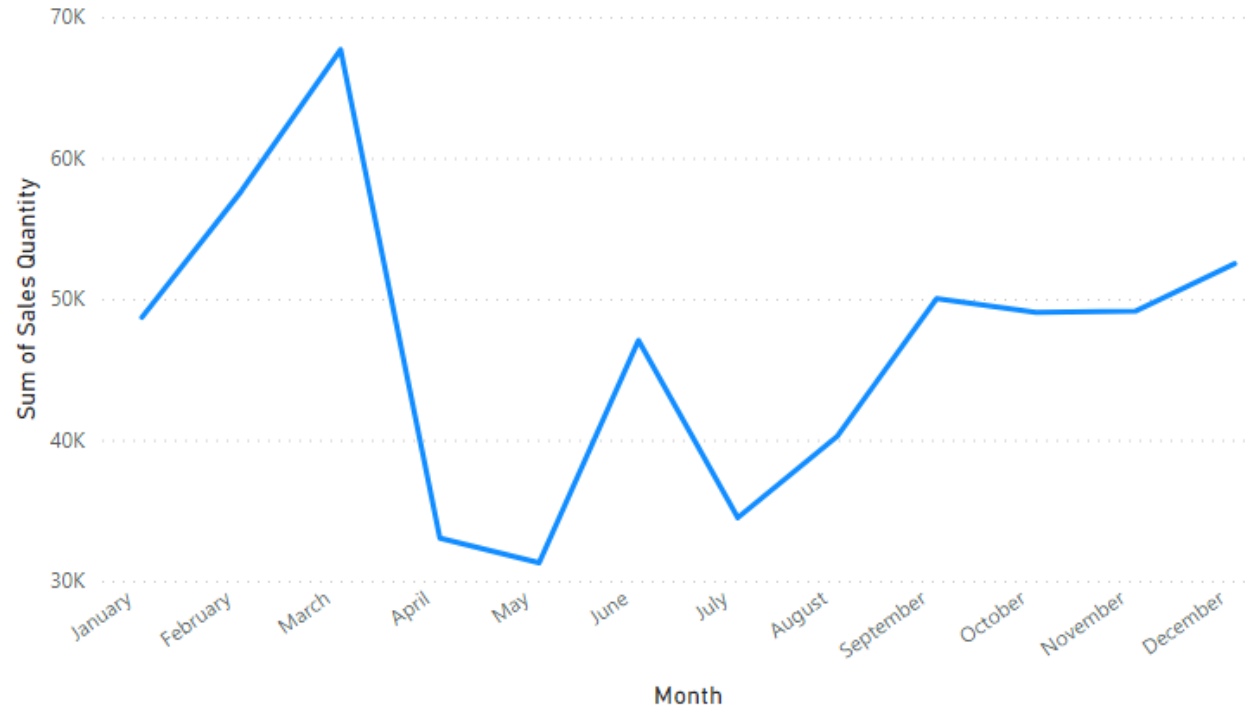Sum of Sales Quantity

561K

Year Wise Sales report

Month Wise Sales Report

Sum of Sales Quantity
BY MONTH

Year-Month wise sales Trend

Sum of Sales Quantity
BY YEAR, MONTH

Year-Month wise sales Trend

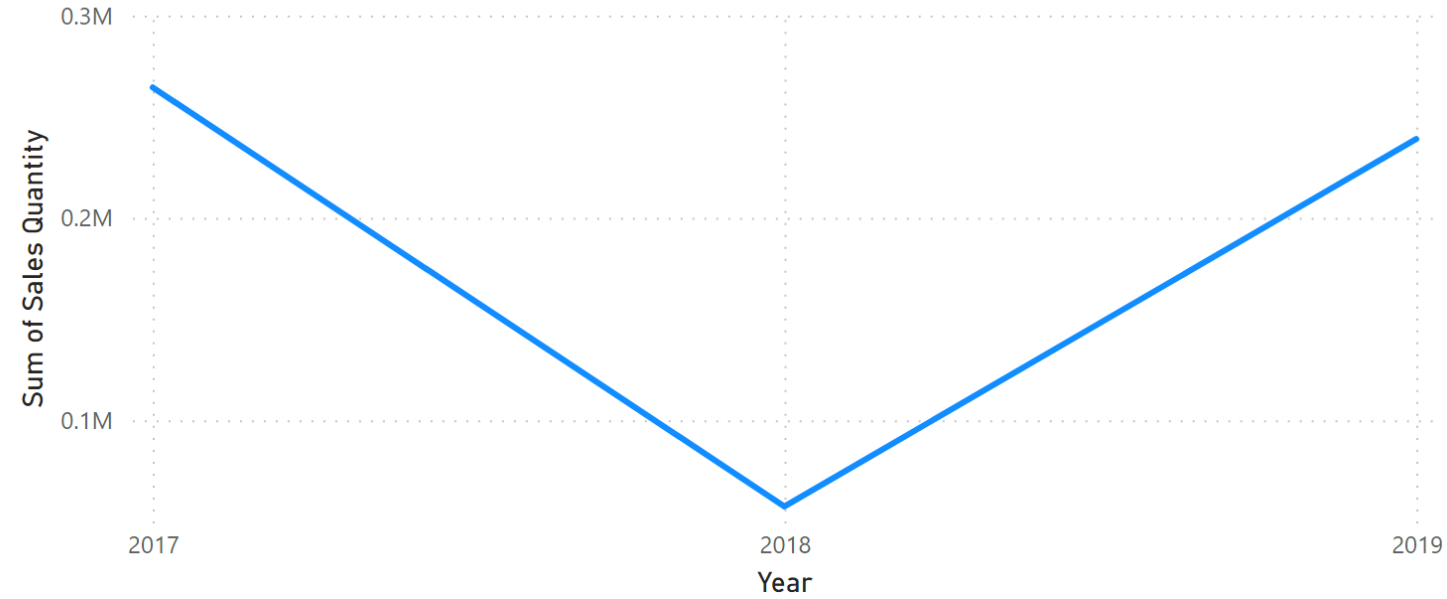# Sum of Sales Price

16.55M

Sum of Sales Quantity

561K

Year
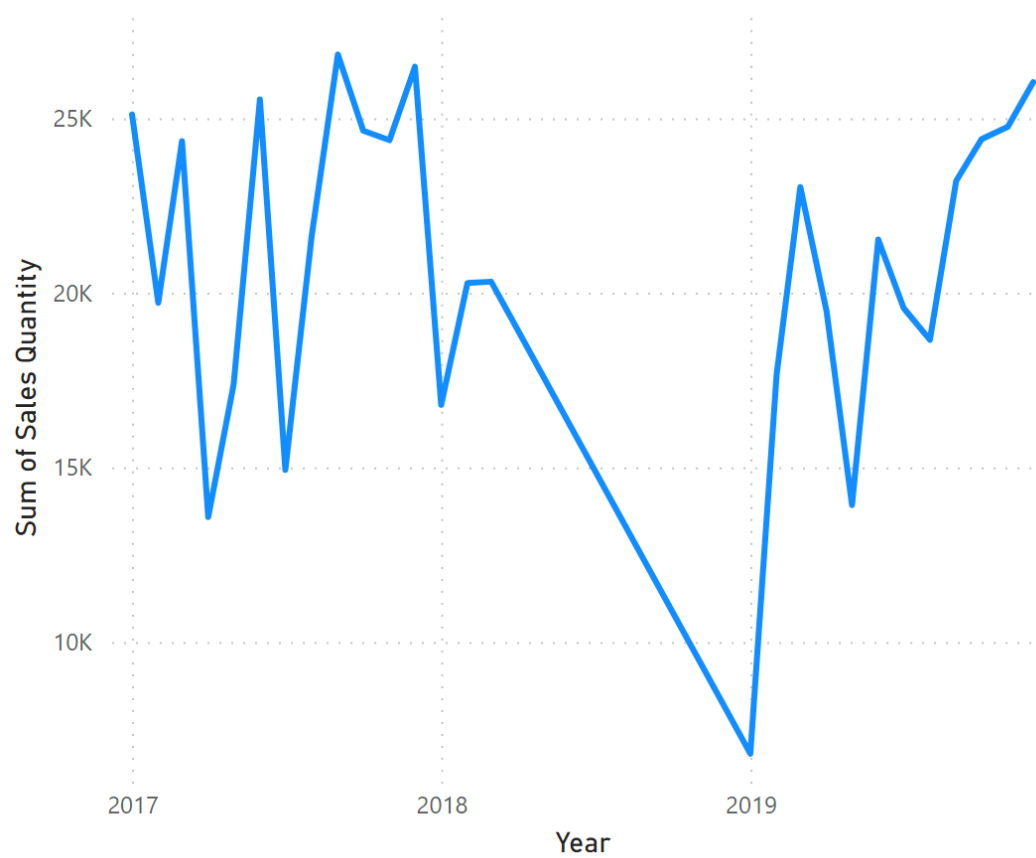- [ ] 2017
- [ ] 2018
- [ ] 2019

Select Quater

Qtr 1	Qtr 3
Qtr 2	Qtr 4

Sum of Sales Quantity by Year

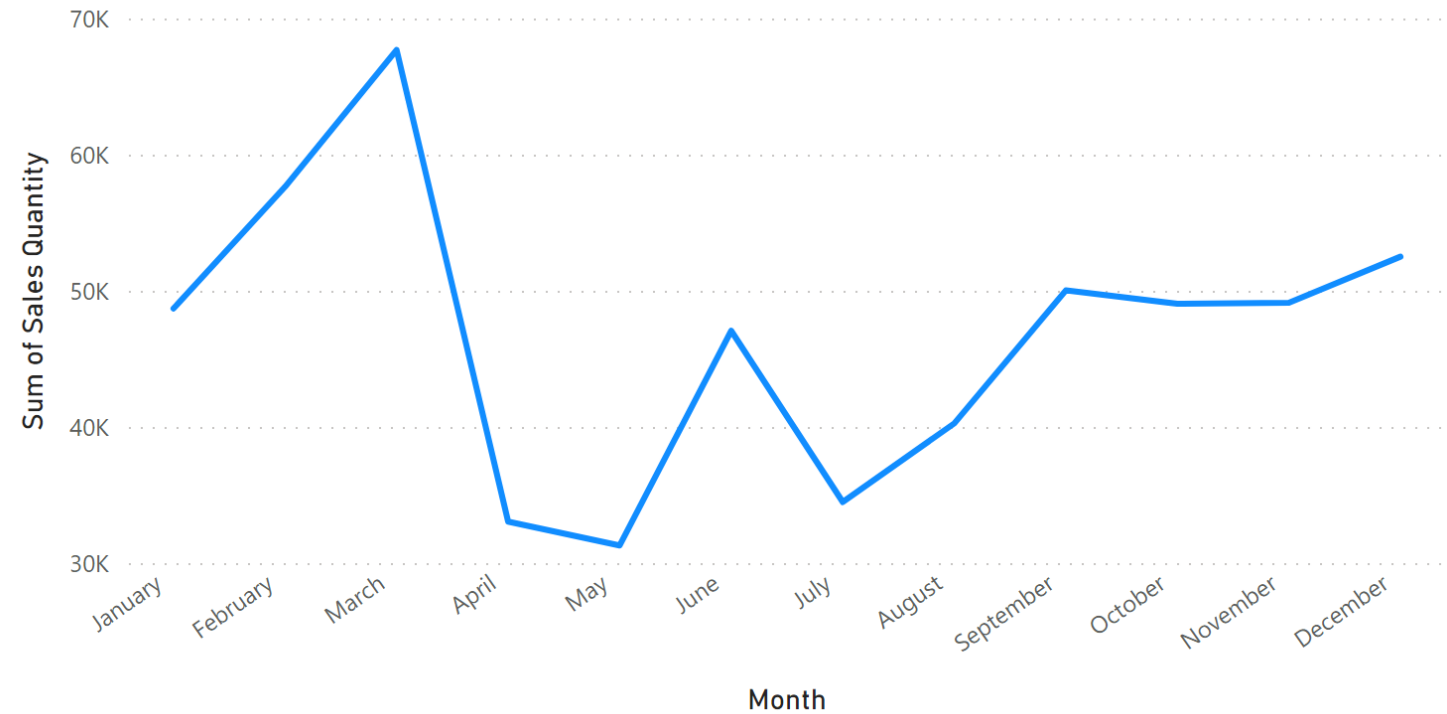**Sum of Sales Quantity by Year and Month**

Sum of Sales Quantity by Month

THANK YOU