Superstore Performance Analysis (2014–2017)

Data Visualization & Insights Report

Author: Borovskaya Maria

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This report delivers a data-driven analysis of Superstore's performance between 2014 and 2017. Through visual analytics, it uncovers key trends in sales growth, profitability, and product performance, leading to clear strategic insights and recommendations for business improvement.

Purpose of the Project

The purpose of this project was to explore Superstore's historical sales and profit data. The analysis focused on understanding performance dynamics across time, identifying top-performing products and categories, and translating these findings into actionable recommendations to enhance profitability and operational efficiency

Key Findings

Overall Performance

- Sales grew +51% (2014–2017) — strong, consistent business expansion.
- Profit rose +89% over the same period, showing improved efficiency and cost control.
- December drives peak performance — around +32% above average month, confirming strong holiday seasonality.
- Occasional losses (Jul 2014, Jan 2015) point to pricing or stock management issues early in the year.

Top Products

- Canon imageCLASS 2200 Copier dominates top products with $61.6K (40% of top-5 revenue) — key revenue driver.
- Top 5 items = $153K, mainly high-value office and tech equipment — focus for premium sales strategy.

Category Insights

- Technology category leads ($836K = 36%), followed by Furniture ($742K) and Office Supplies ($719K) — balanced, diversified portfolio.
- Technology delivers both growth and margin advantage — priority area for marketing and inventory investment.

Business Recommendations

1. Capitalize on Seasonal Peaks
   Strengthen marketing and promotional campaigns in Q4, particularly before December, to maximize revenue during the holiday surge.

2. Enhance Pricing and Inventory Strategy
   Review pricing models and stock control systems to address off-season performance dips and reduce potential losses during low-demand months.

3. Prioritize Technology Segment Investment
   Allocate greater marketing budgets and inventory support to the Technology category, leveraging its high profitability and market demand to drive future growth.

Dashboard Overview
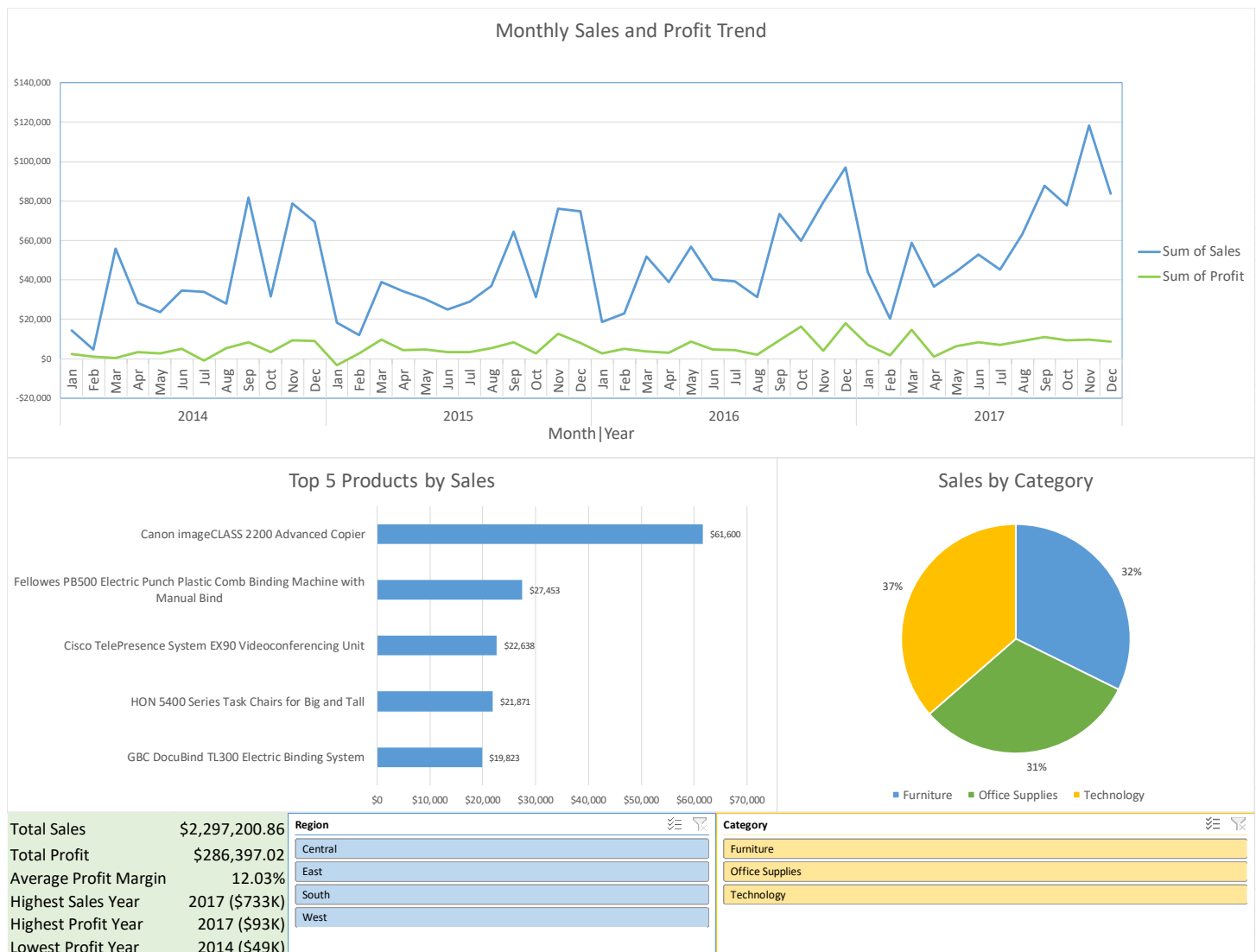
Superstore Performance Dashboard visualizing monthly sales trends, top products, and category distribution.

!!! The interactive version of the dashboard can be accessed on GitHub within this repository.