

# **Task 2 - Data Visualization and Storytelling**

Internship: Data Analyst Internship

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## Introduction

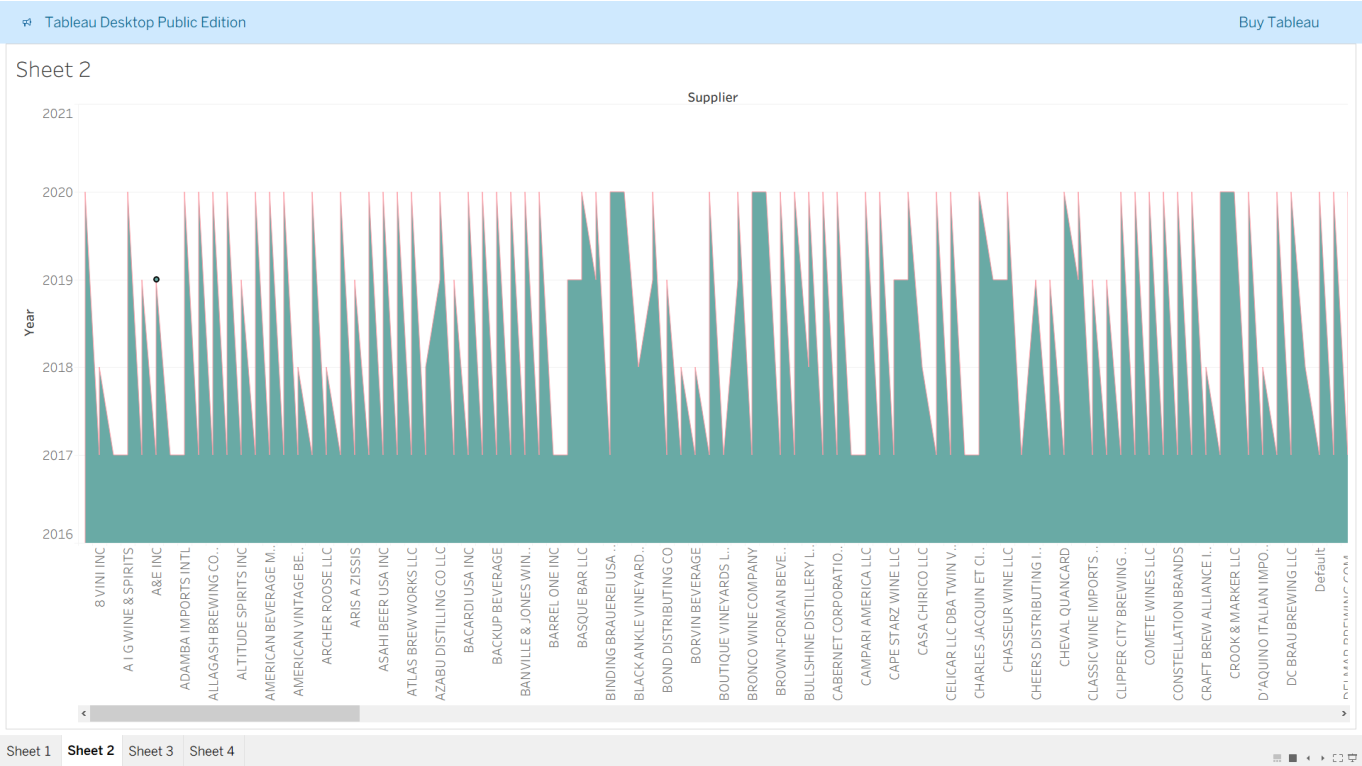
This report is part of Task 2 of the Data Analyst Internship focused on Data Visualization and Storytelling. The visualizations were created using Tableau Public and are based on the Warehouse and Retail Sales dataset. Each chart highlights a different aspect of sales and supplier trends to showcase how data can guide business decisions.

# 1. Distribution of Item Types Across Months



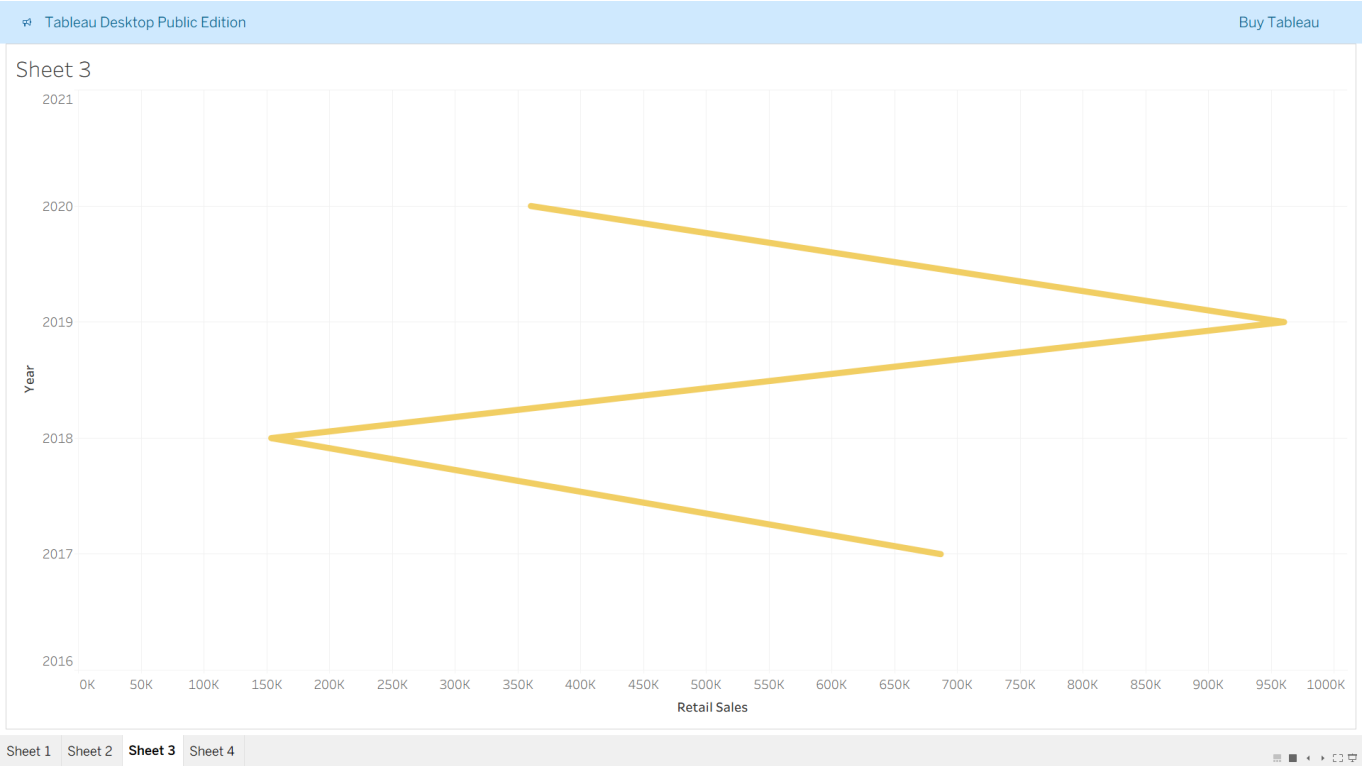
This bar chart shows how consistently different item types are sold across the months. The uniform distribution implies steady supply and demand across categories like BEER, WINE, LIQUOR, and others.

## 2. Sales Distribution by Supplier Over the Years



This area chart displays yearly distribution of sales among suppliers. Some suppliers show sharp spikes suggesting peak contributions during certain years, which helps identify top performers over time.

### 3. Retail Sales Trend Over Time



This line chart shows how retail sales have varied year by year. A noticeable increase in 2020 suggests higher sales performance, possibly due to seasonal campaigns or product demand.

## Conclusion

Through Tableau, we explored how data visualization can uncover trends and provide actionable insights. From identifying consistent item sales to tracking supplier contributions and annual sales growth, this task highlighted the importance of visual storytelling in business analytics.