

Supply Chain Analysis Dashboard



Project Overview

This report explores a global retail supply chain dataset to improve operational efficiency, monitor key performance metrics, and identify opportunities for cost savings and revenue growth. It analyzes product categories, customer segments, and shipping methods across multiple regions, highlighting patterns in orders, delivery performance, and profitability.

Purpose of Analysis

To gain actionable insights into the supply chain operations of the business in order to enhance efficiency, reduce delivery delays, identify high-performing products, optimize shipping methods, and ultimately maximize profitability

Data Snapshot

This dataset contains detailed order, shipping, and sales records from a global retail supply chain

Total Sales

33.05M

Total Orders

181K

Total Profit

3.97M



Tools Used: Python, Power BI

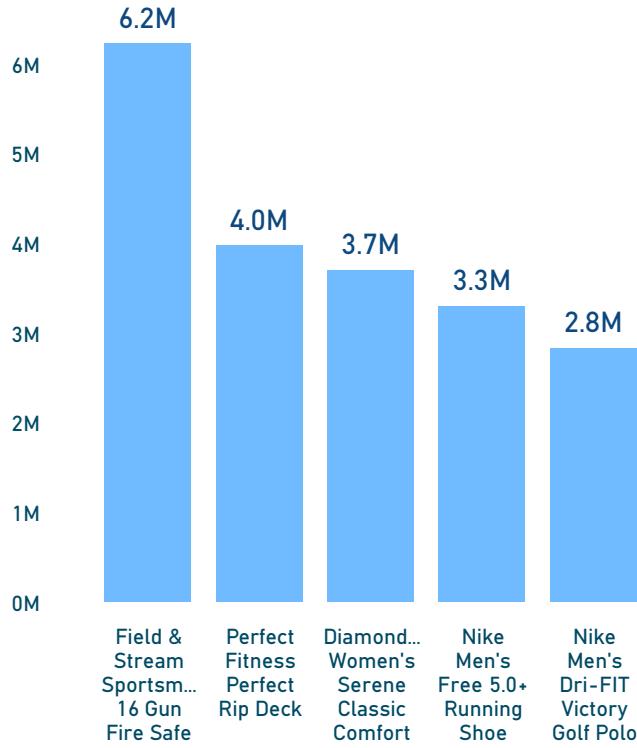
Dataset: 180K Orders – 15+ Fields

By AWS Triple M

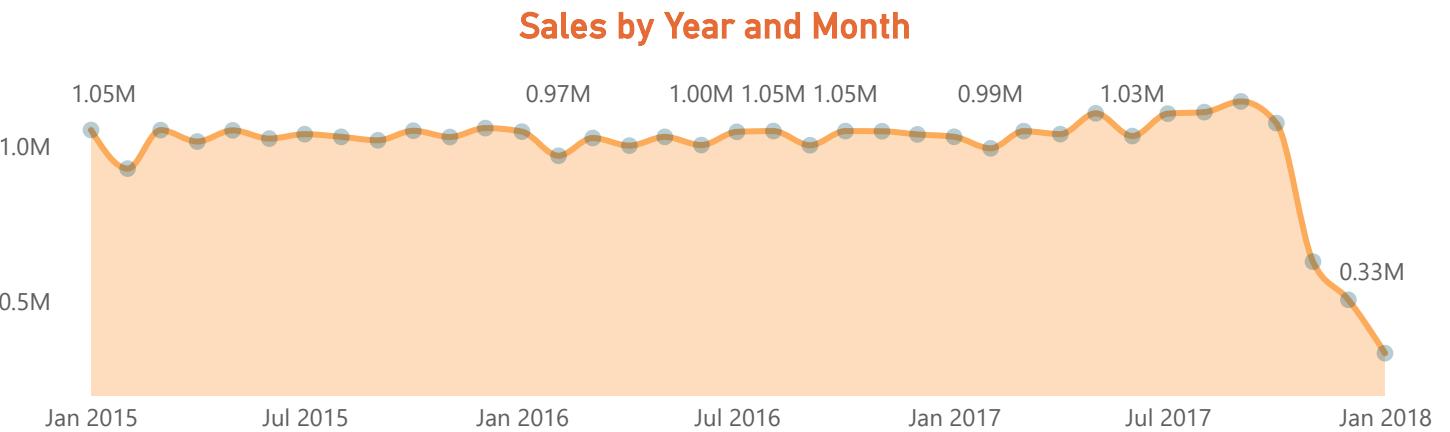
Product Analysis



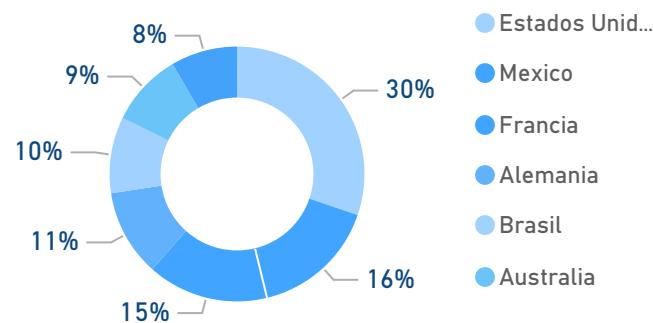
Top 5 Products By Sales



Sales by Year and Month



Items per Country



Filter By payment type

All

Filter By Shipping Mode

All

Customer Analysis



Customers

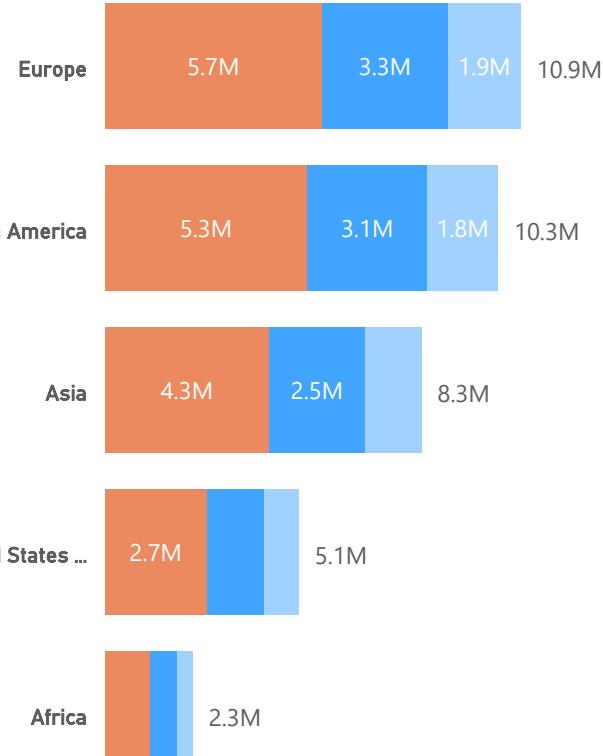
180.52K

Customer Country

- Puerto Rico
- United States

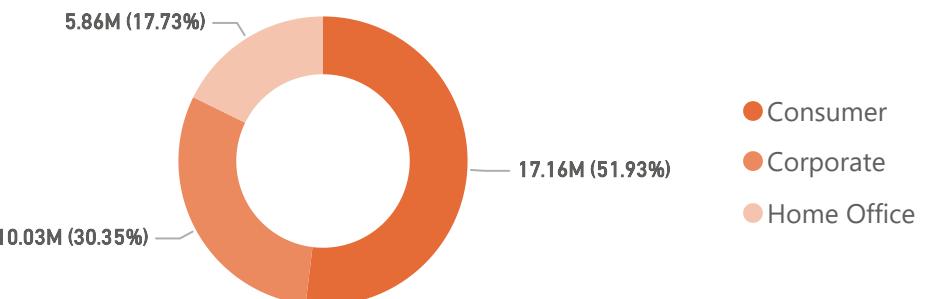


Sales by Market & Segment

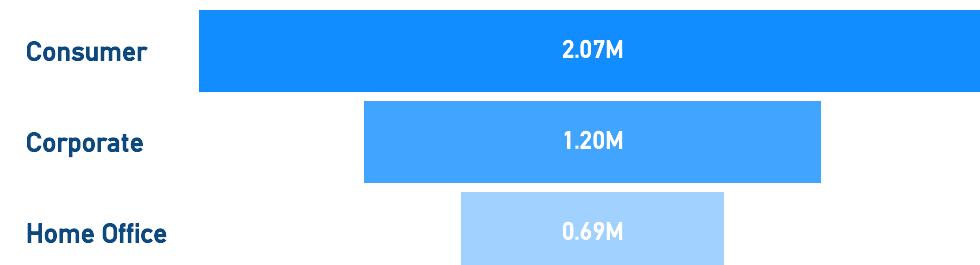


● Consumer ● Corporate ● Home Office

sales by customer segment



Profit per customer segment



Shipping Analysis



Orders on time

32K

Orders Late

99K

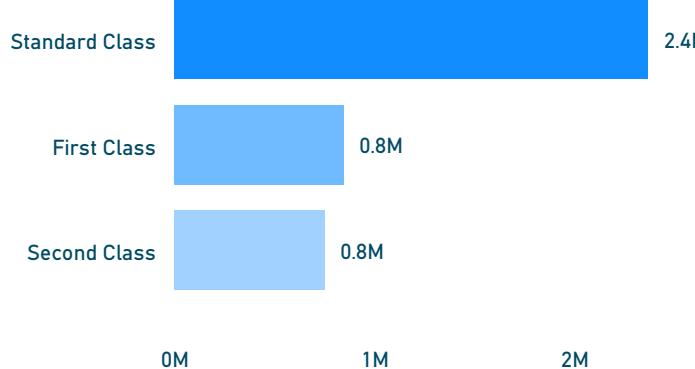
Shipping canceled

7754

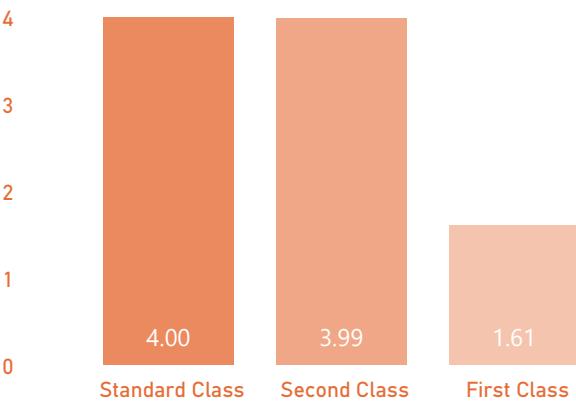
Advanced Shipping

42K

Earnings per Delivery Method

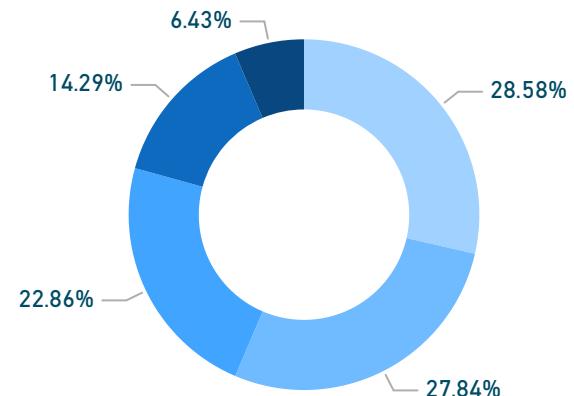


Delivery Speed Comparison



Late Delivery Risk by Market

● LATAM ● Europe ● Pacific Asia ● USCA ● Africa



Distribution Order Country

