Introduction

Supply Chain

Overview

Supply chain is the backbone of any modern business: an ever-shifting ecosystem that ensures the smooth, efficient, and consistent delivery of products or services from a supplier to a client or customer. If supply chain lacks structure, vision, and efficiency or is fragmented, commercial growth will suffer. That's why it's critical to monitor and optimize relevant supply chain KPIs.

Objective

The team wanted to provide visibility into meaningful data/analysis to the stakeholders. This provides data-driven insights to improve the ability to deliver on-time shipments to customers.

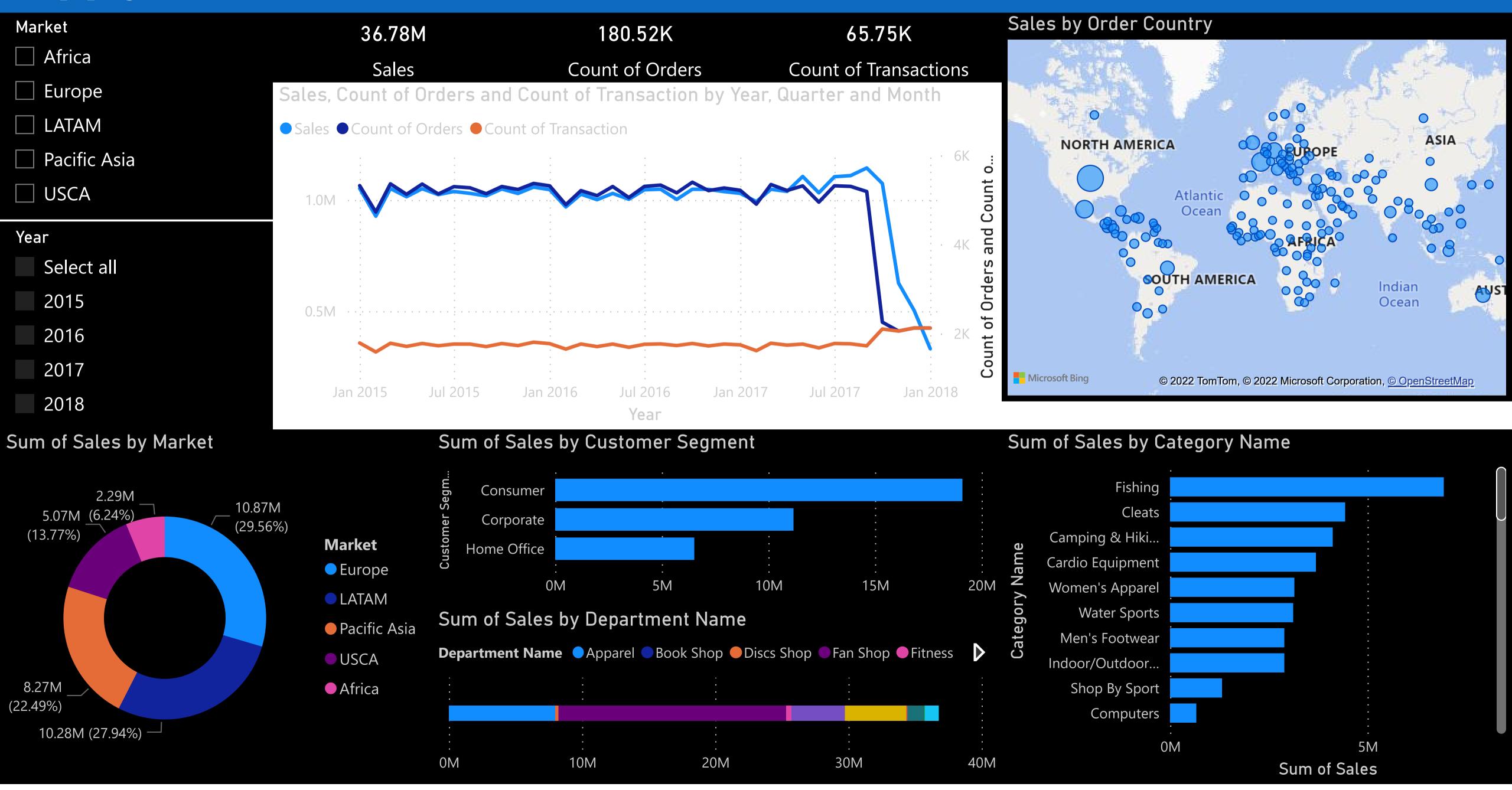
About Dataset

A DataSet of Supply Chains used by the company DataCo Global was used for the analysis. This is the dataset of Supply Chains used by the company Data Co Global that contains 53 columns such as sale, shipment, item/customer id, and country.

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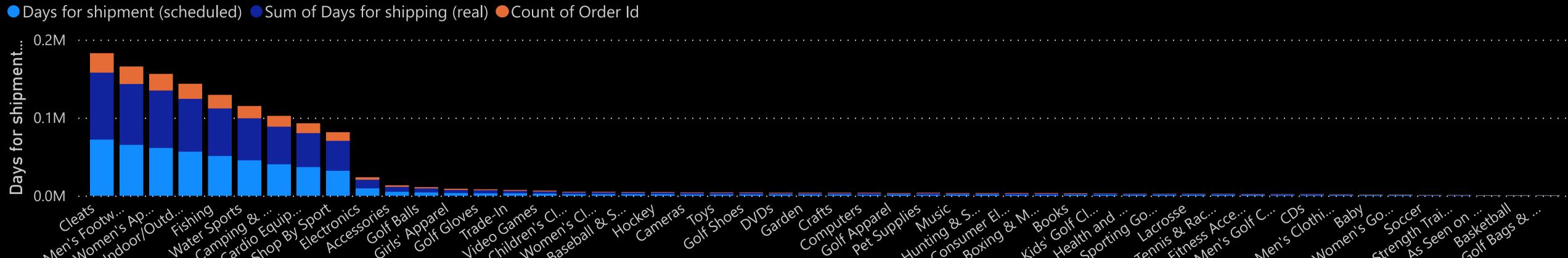
Supply Chain KPI Dashboard



Distribution



Days for shipment (scheduled), Sum of Days for shipping (real) and Count of Order Id by Category Name



Category Name

Shipment Information

Category Name	Department Name	Order Status	Shipping Mode	Shipping date (DateOrders)	Sum of Days for shipment (scheduled)	Sum of Days for shipping (real)	Order It Product		Sum of Order Item Quantity	Sum of Sales
Women's Clothing	Apparel	PROCESSING	Standard Class	2/6/2018 10:14:00 PM	4		6	215.82	1	215.82
Women's Clothing	Apparel	COMPLETE	Standard Class	2/6/2018 6:44:00 PM	4		6	215.82	1	215.82
Women's Clothing	Apparel	COMPLETE	Standard Class	2/6/2018 4:59:00 PM	4		6	215.82	1	215.82
Women's Clothing	Apparel	PENDING	Second Class	2/6/2018 3:14:00 PM	2		6	215.82	1	215.82
Women's Clothing	Apparel	PENDING_PAYMENT	Standard Class	2/6/2018 1:29:00 PM	4		6	215.82	1	215.82
Women's Clothing	Apparel	PROCESSING	Standard Class	2/6/2018 11:44:00 AM	4		6	215.82	1	215.82
Women's Clothing	Apparel	COMPLETE	Second Class	2/6/2018 9:59:00 AM	2		6	215.82	1	215.82
Women's Clothing	Apparel	CLOSED	Standard Class	2/6/2018 8:14:00 AM	4		6	215.82	1	215.82
Total					529254	6313	93		384079	36,784,735.01