

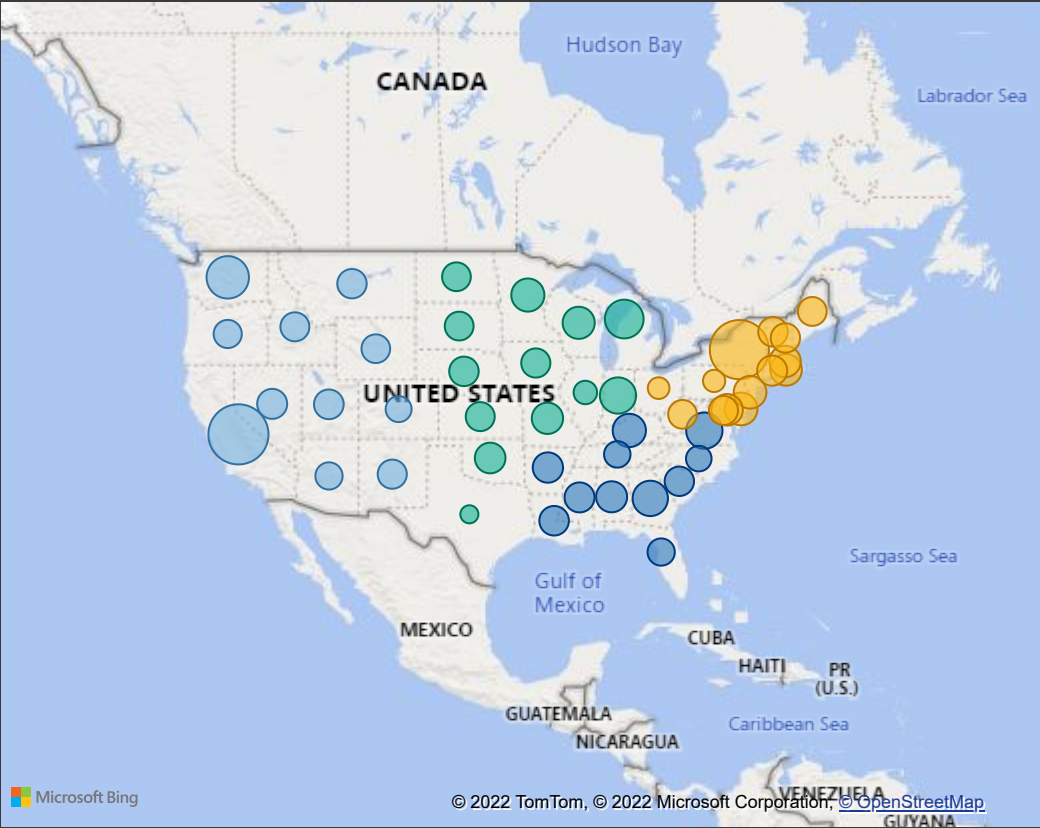
Task 3: Exploratory Data Analysis

By : Mostafa Sheasha

Overview of Sales and Profit

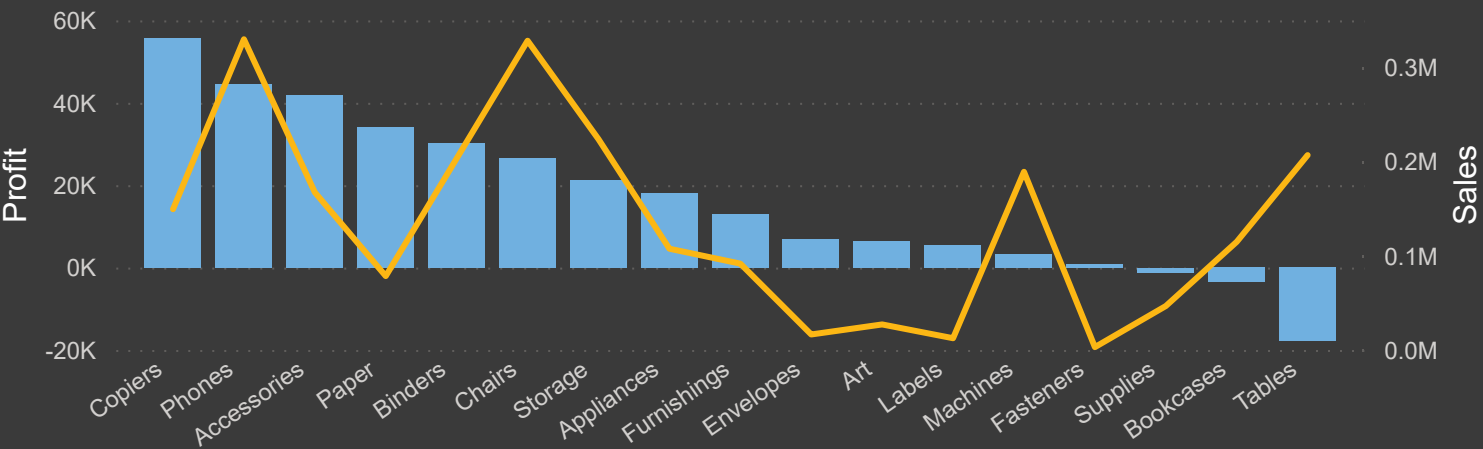
Profit by State and Region

Region Central East South West



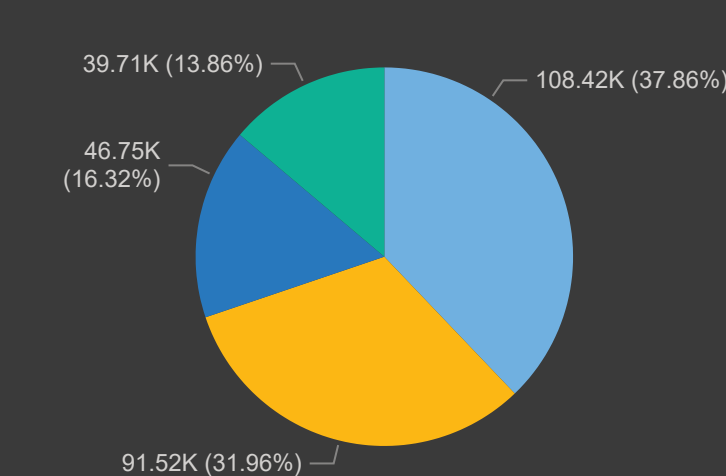
Profit and Sales by Sub-Category

Profit Sales



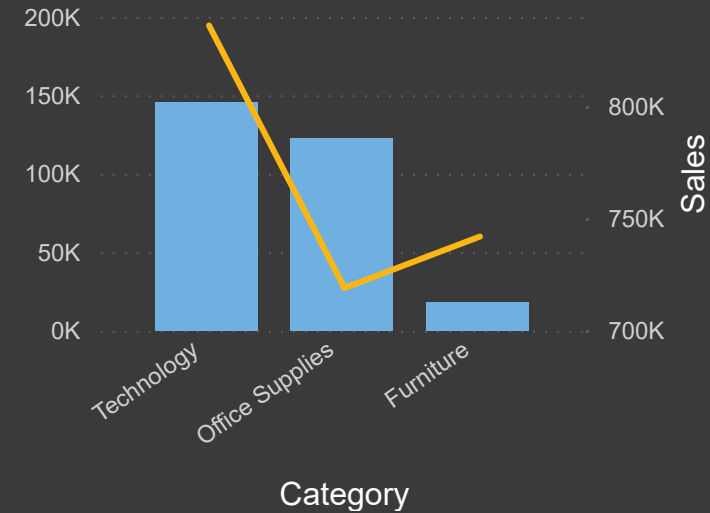
Profit by Region

Region West East South Central



Profit and Sales by Category

Profit Sales



Sum of Profit

Sum of Sales

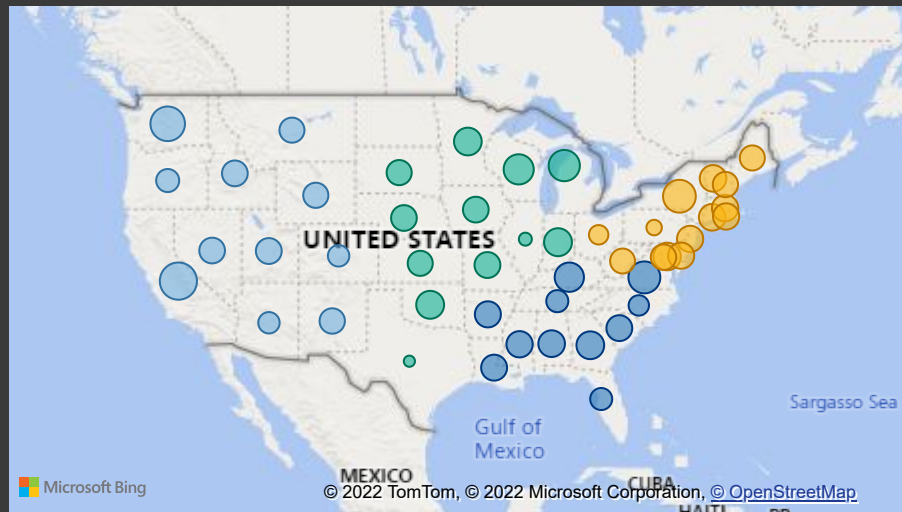
286.40K

2.30M

Furniture Category

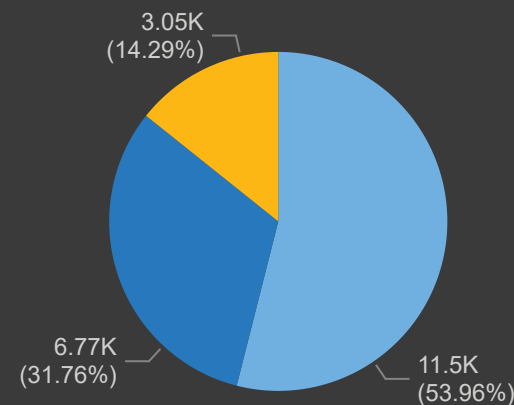
Profit by State and Region

Region ● Central ● East ● South ● West



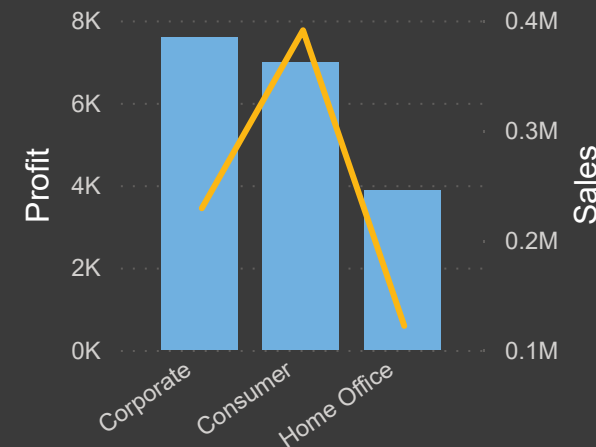
Profit by Region

Region ● West ● South ● East ● Central



Profit and Sales by Segment

● Profit ● Sales



Sum of Profit

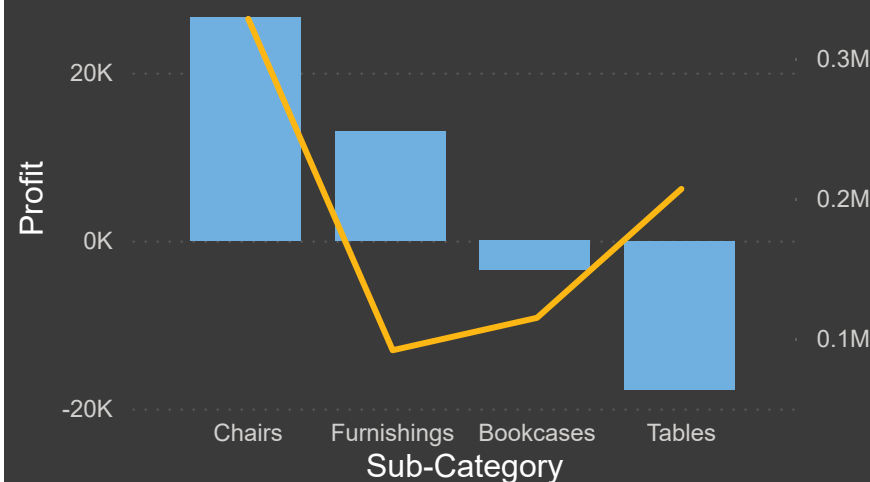
18.45K

Sum of Sales

742.00K

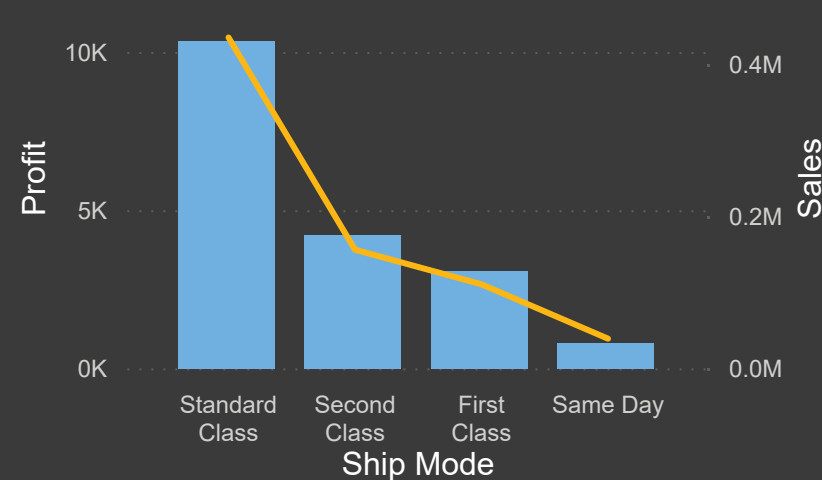
Profit and Sales by Sub-Category

● Profit ● Sales



Profit and Sales by Ship Mode

● Profit ● Sales



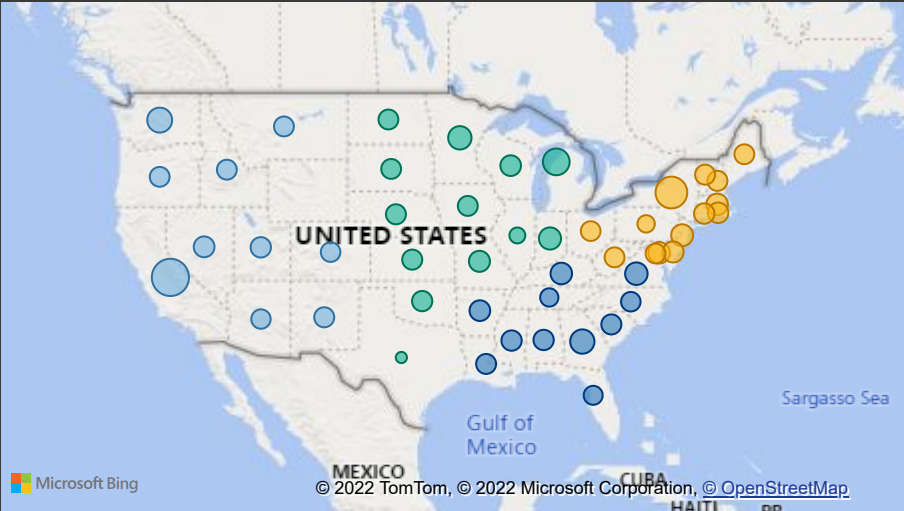
At this category we should change the price of tables because it costs very much and make us lose more .

we want to open new furniture stores at central region.

Office Supplies Category

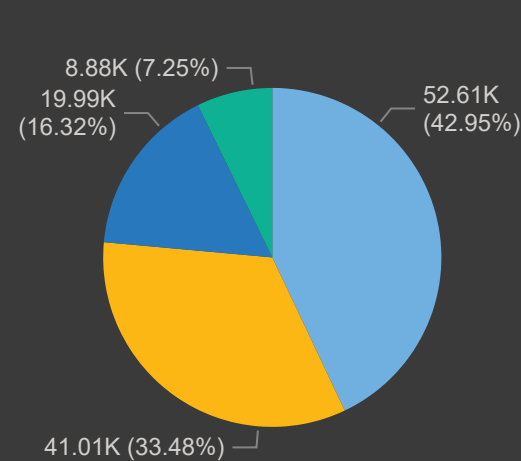
Profit by State and Region

Region ● Central ● East ● South ● West



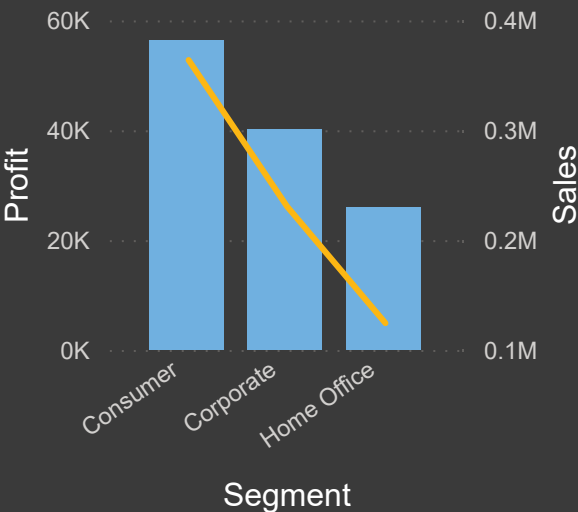
Profit by Region

Region ● West ● East ● South ● Central



Profit and Sales by Segment

● Profit ● Sales



Sum of Profit

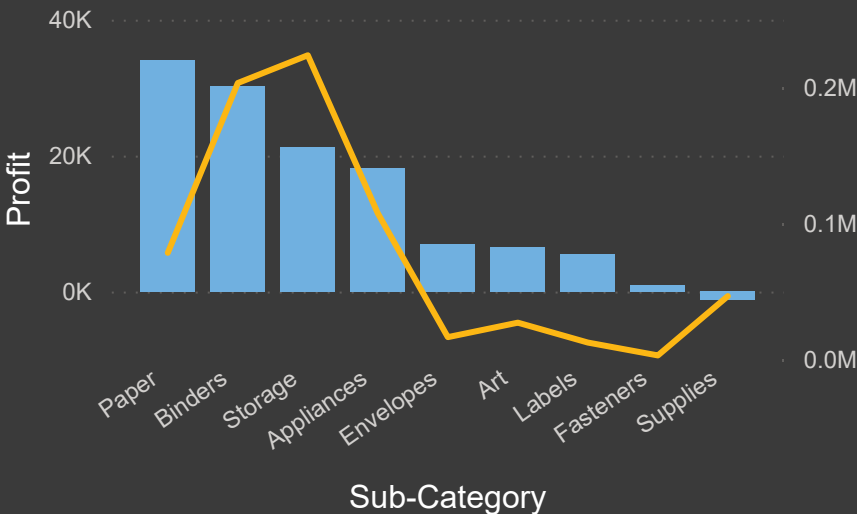
122.49K

Sum of Sales

719.05K

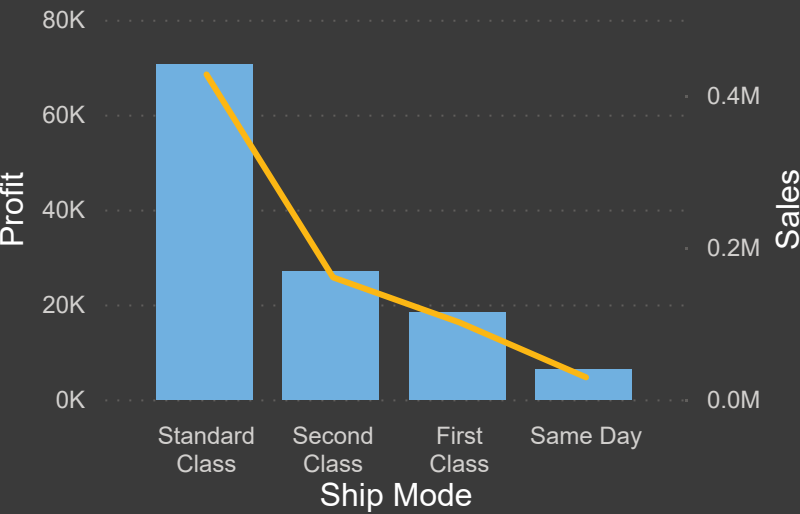
Profit and Sales by Sub-Category

● Profit ● Sales



Profit and Sales by Ship Mode

● Profit ● Sales

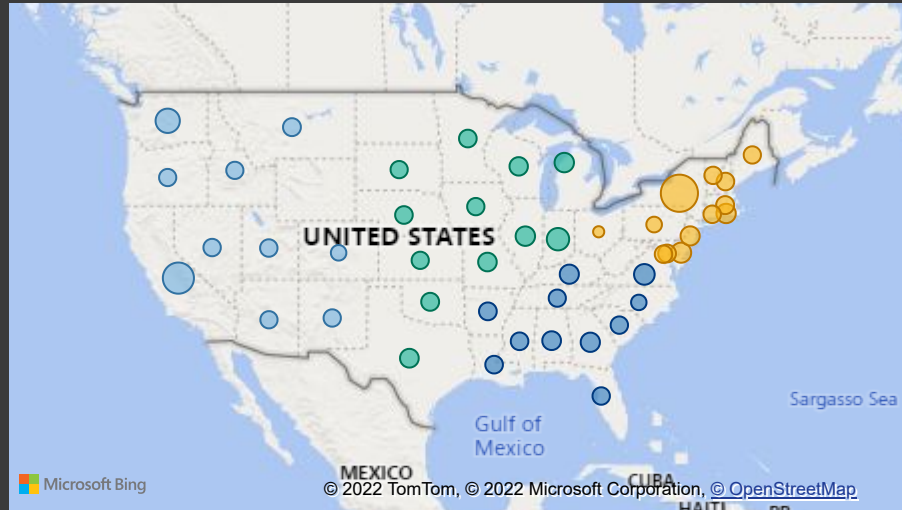


In this category we must change the price of the supplies or make an offer on it if it is purchased with the other categories.

Technology Category

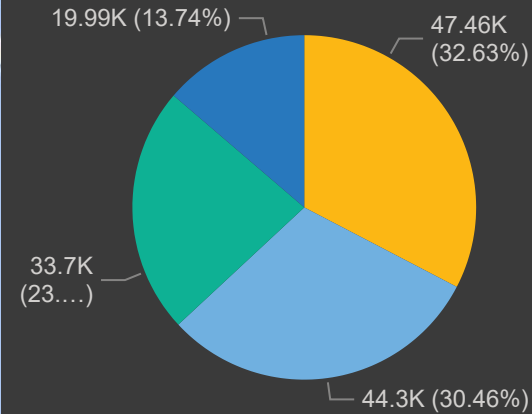
Profit by State and Region

Region ● Central ● East ● South ● West



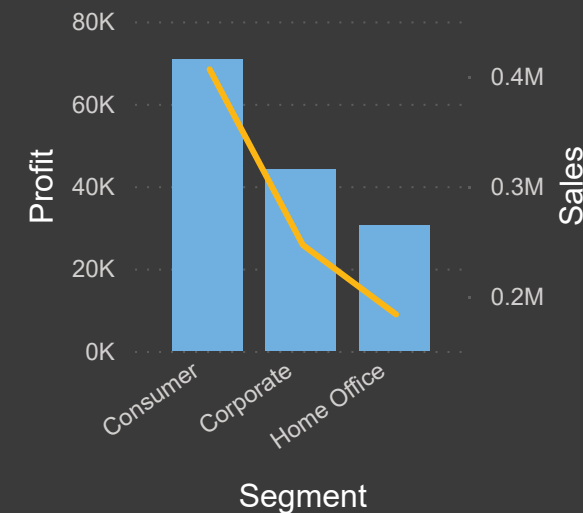
Profit by Region

Region ● East ● West ● Central ● South



Profit and Sales by Segment

● Profit ● Sales



Sum of Profit

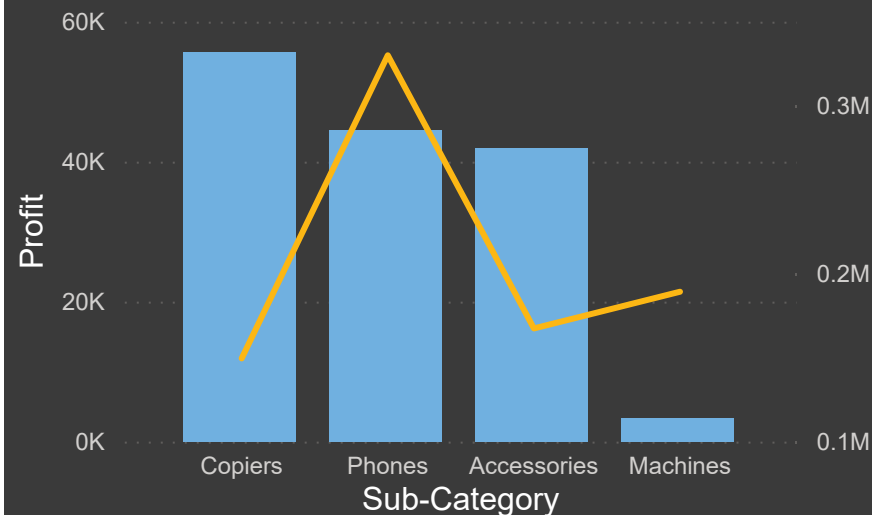
145.45K

Sum of Sales

836.15K

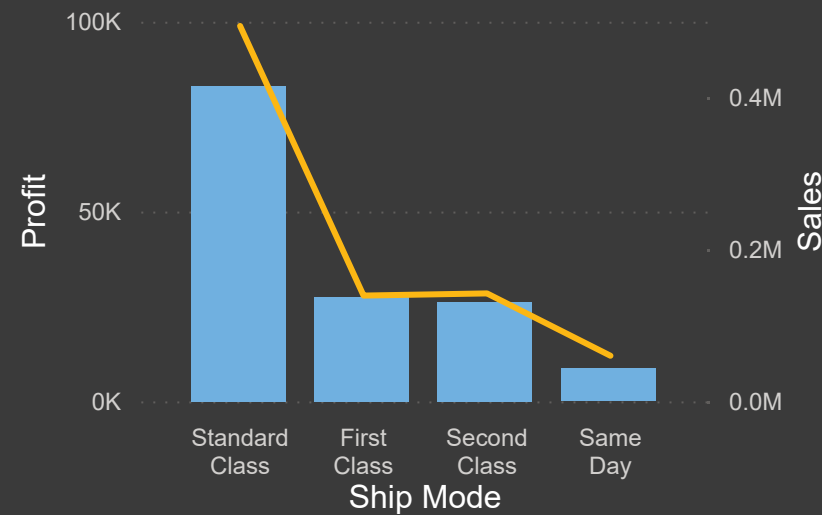
Profit and Sales by Sub-Category

● Profit ● Sales



Profit and Sales by Ship Mode

● Profit ● Sales



Machines are in east states only so we need to open new branches in the other states.