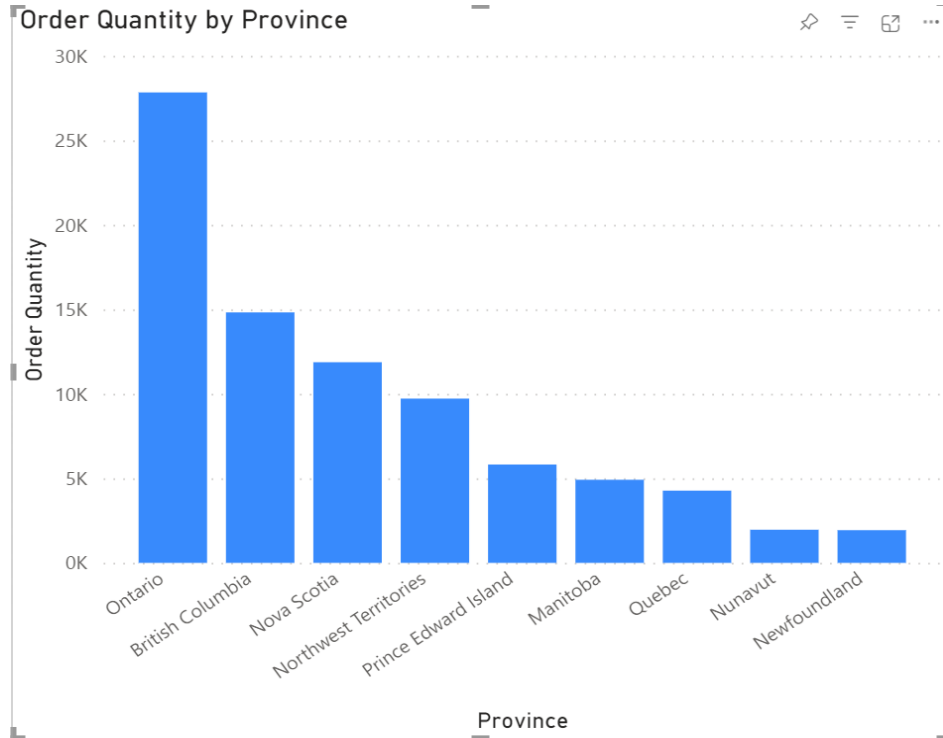


# Assignment

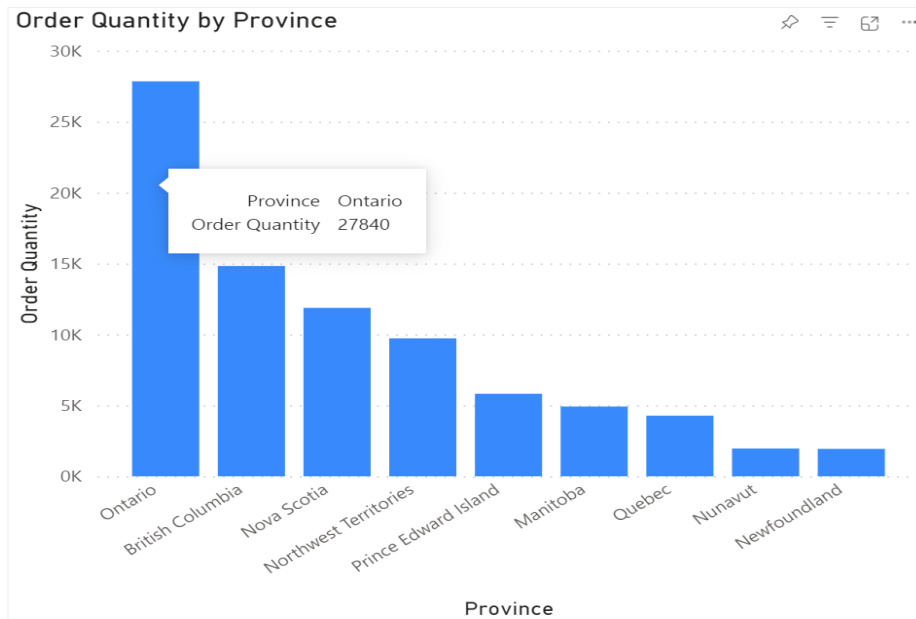
## 1. Order quantity by Province:



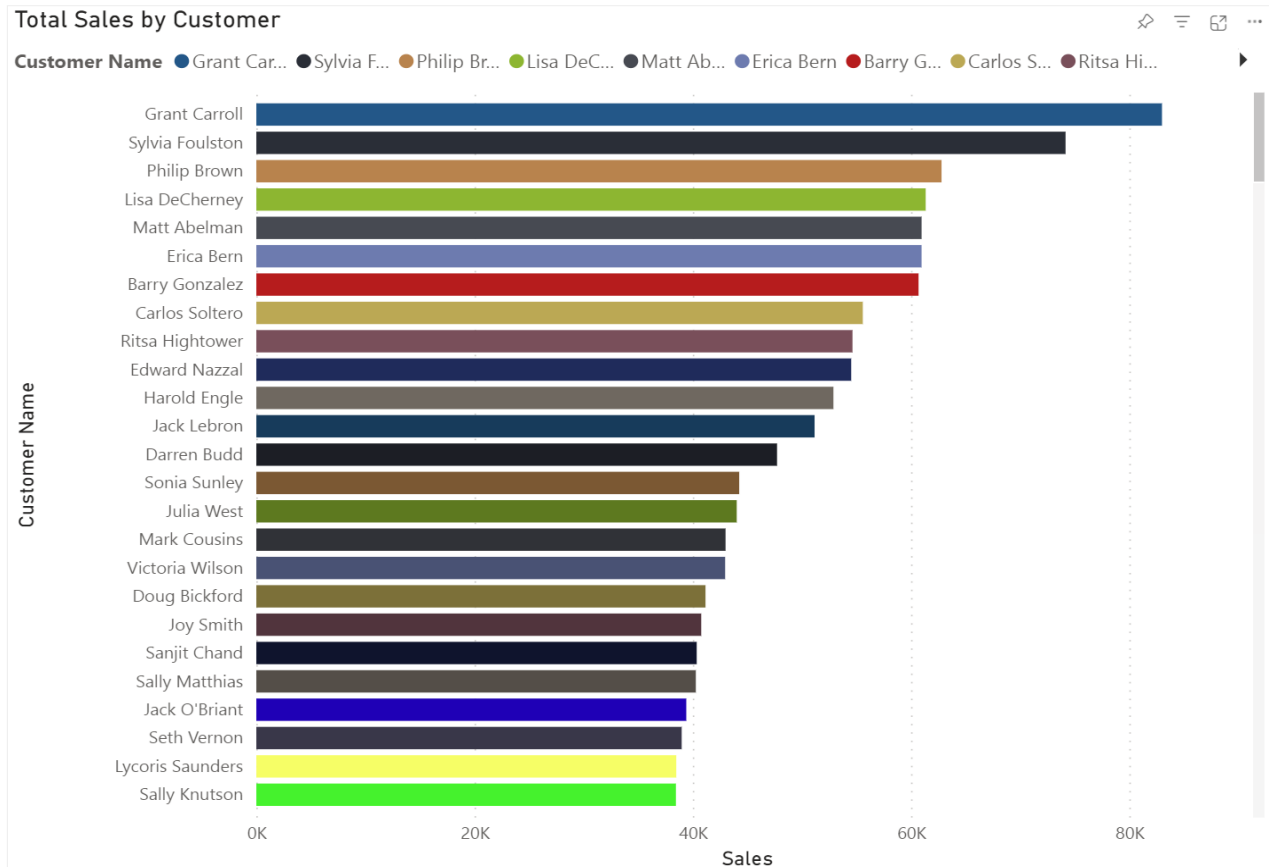
**a. Insight question:** Which province shows you maximum orders and what is the 'exact' number of orders for this province?

**Province:** Ontario

**Number of orders:** 27840



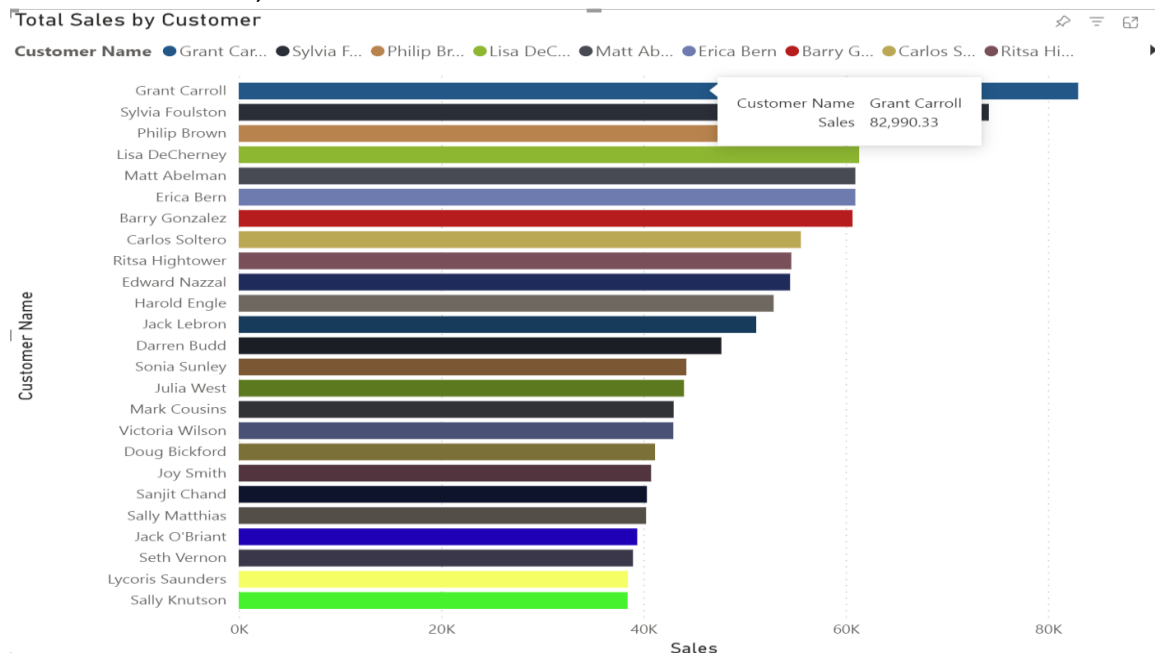
## 2. Total Sales by Customer



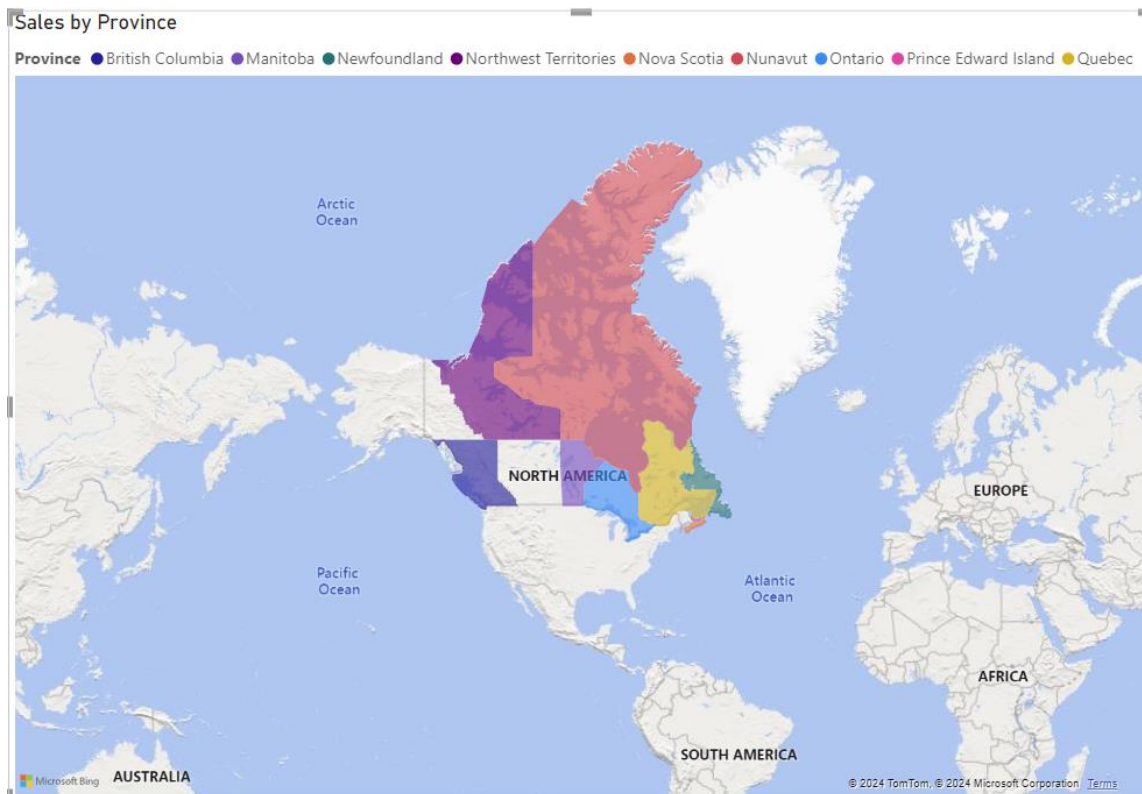
- a. Insight question: Which customer had the maximum sales? Specify Name and exact sales amount?

**Customer name:** Grant Carroll

**Sales amount:** 82,990.33



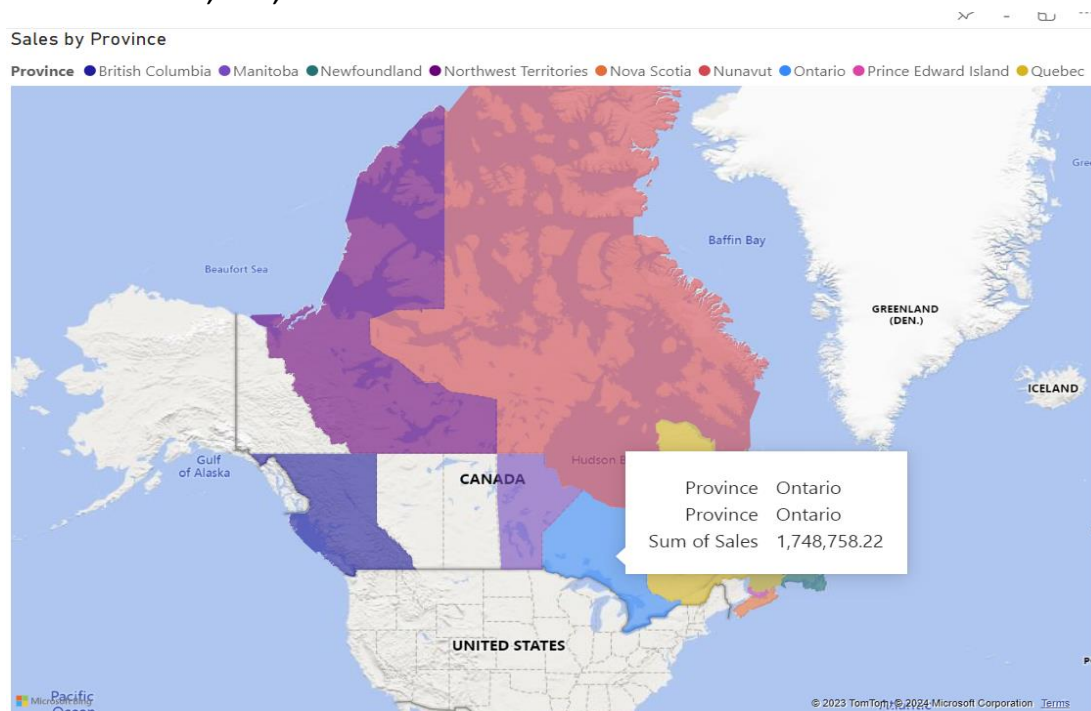
### 3. Total Sales by Province using 'Filled map' (geographical representation)



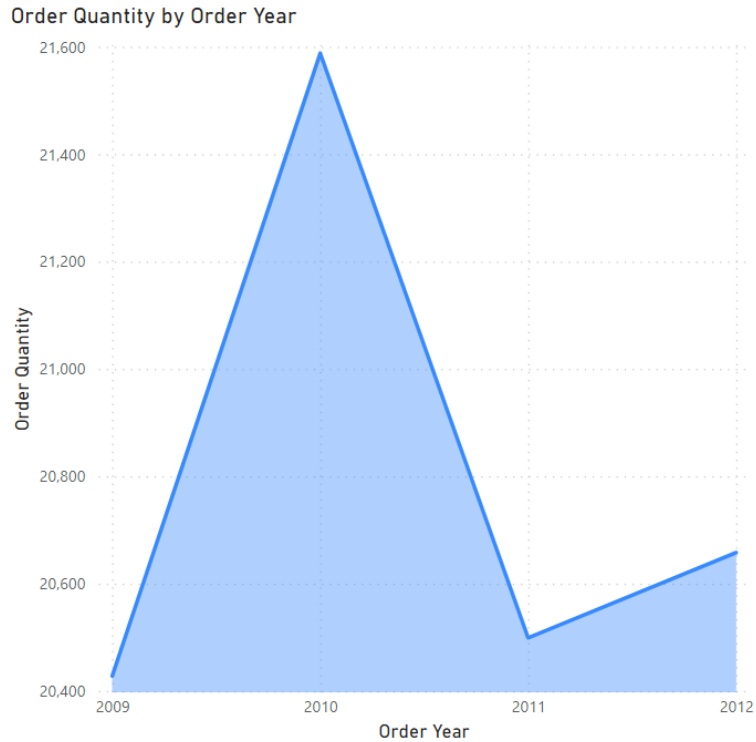
- a. **Insight question:** Which province has the maximum sales and what is the exact amount of the sales?

**Province:** Ontario

**Total Sales:** 1,748,758.22



#### 4. Order Quantity Trend using 'Area map' (generally used for trends)



- a. **Insight question:** Which year had the maximum order quantity and what was the exact number of orders?

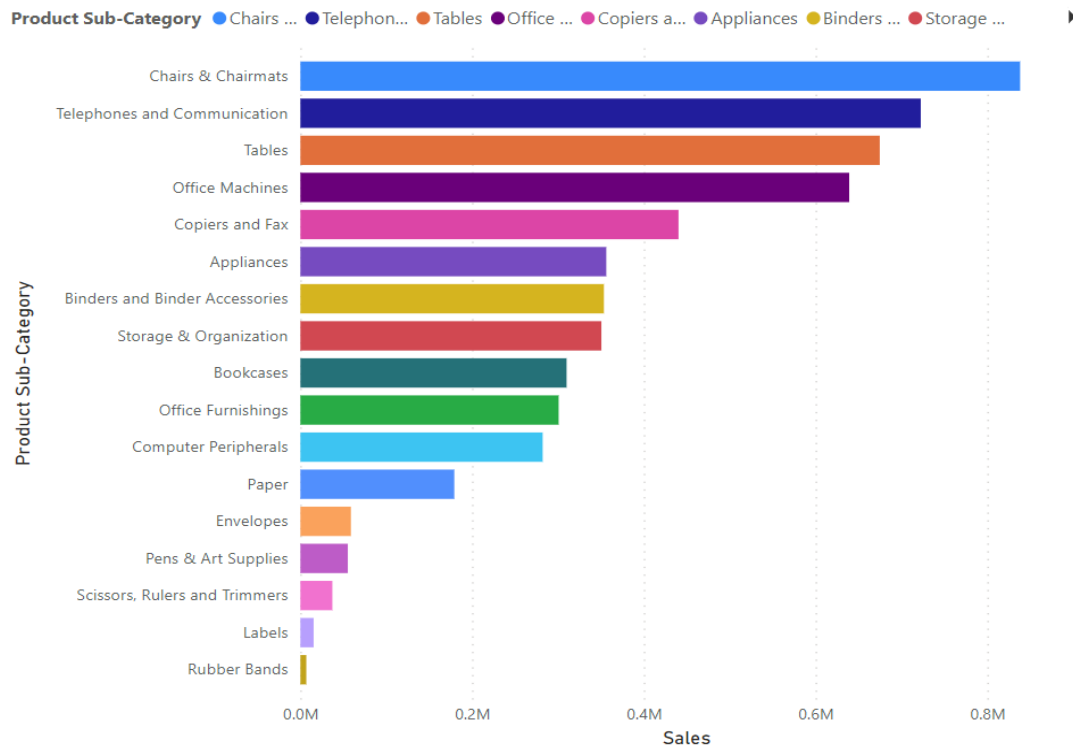
**Year: 2010**

**Maximum order quantity: 21588**



## 5. Created a bar plot showing sales by product sub-category

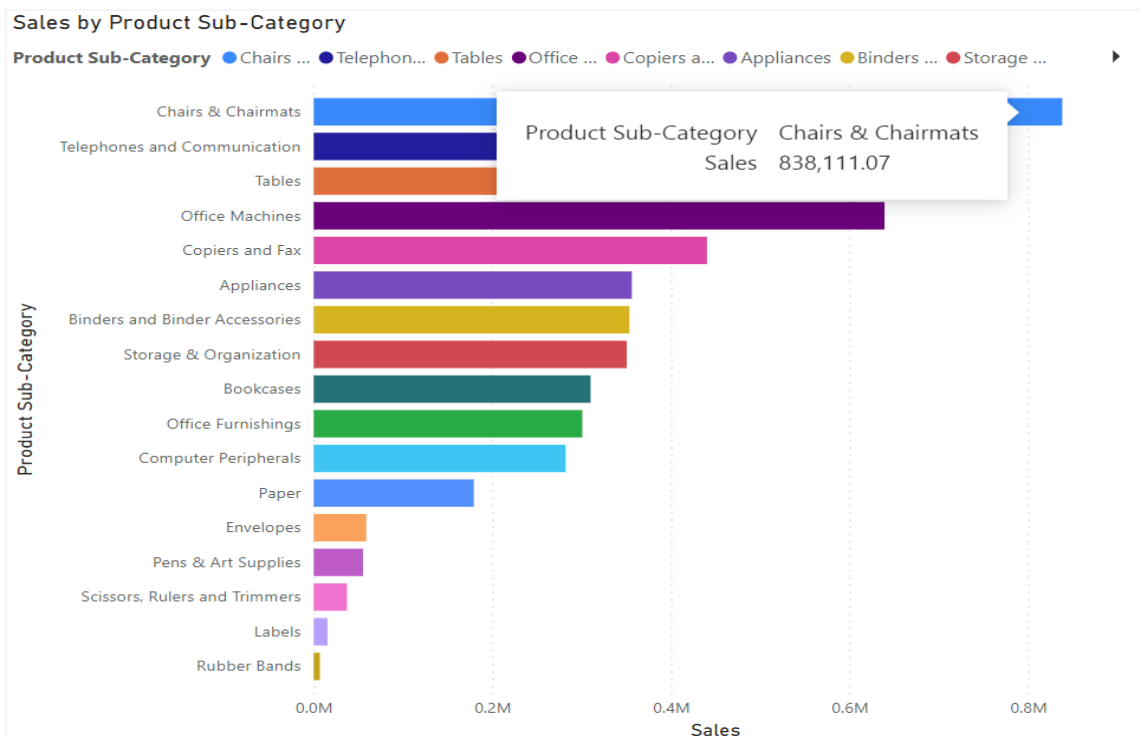
Sales by Product Sub-Category



- a. **Insight question:** Which product sub-category has the highest sales? Name the product sub-category and what is the exact number of sales.

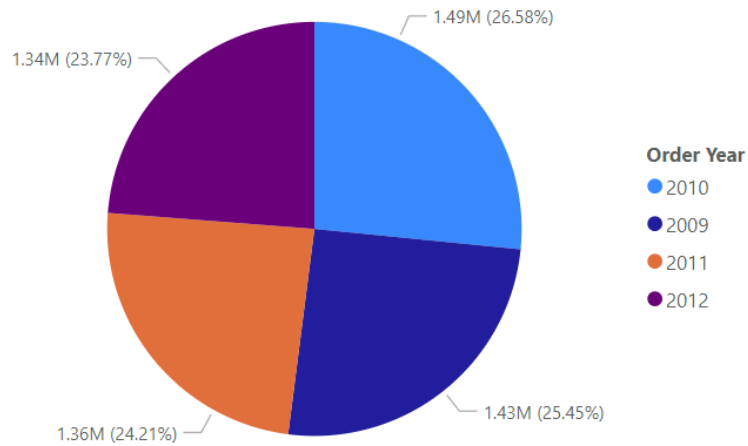
**Product sub-category:** Chairs and Chairmats

**Total number of sales:** 838,111.07



## 6. Created a pie chart showing number of sales by year

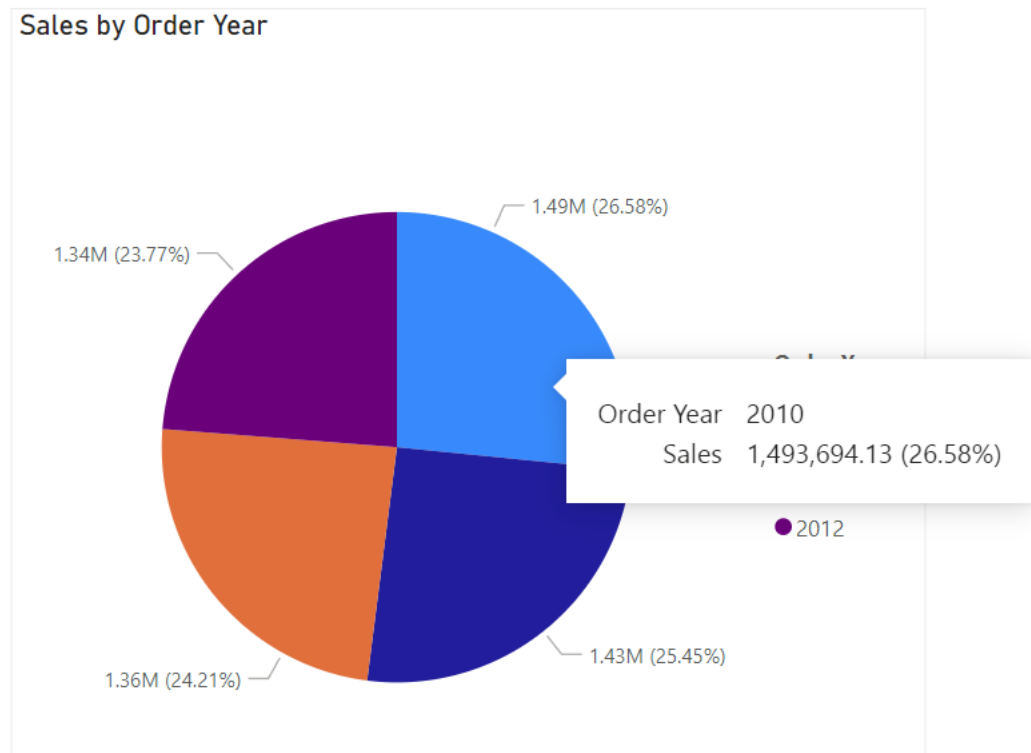
Sales by Order Year



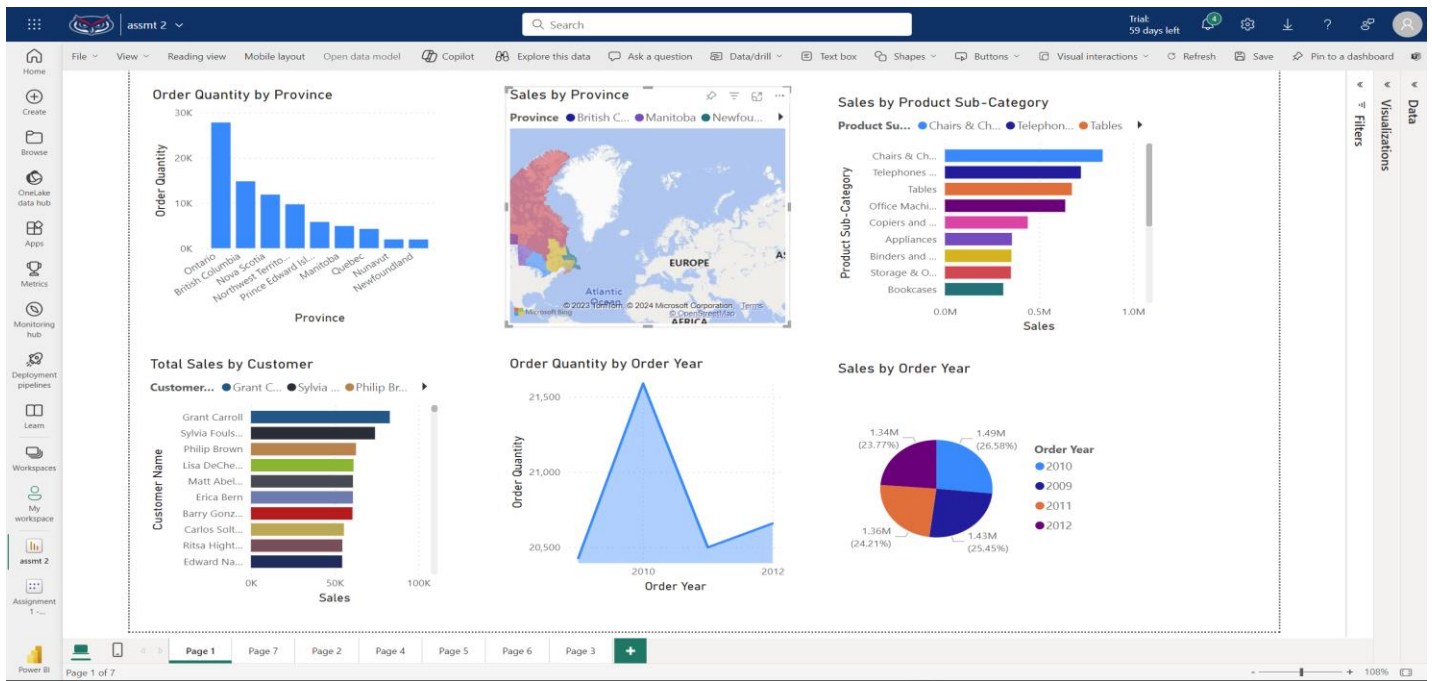
- a. **Insight question:** which year has the highest sales? What is the exact number of sales?

**Year:** 2010

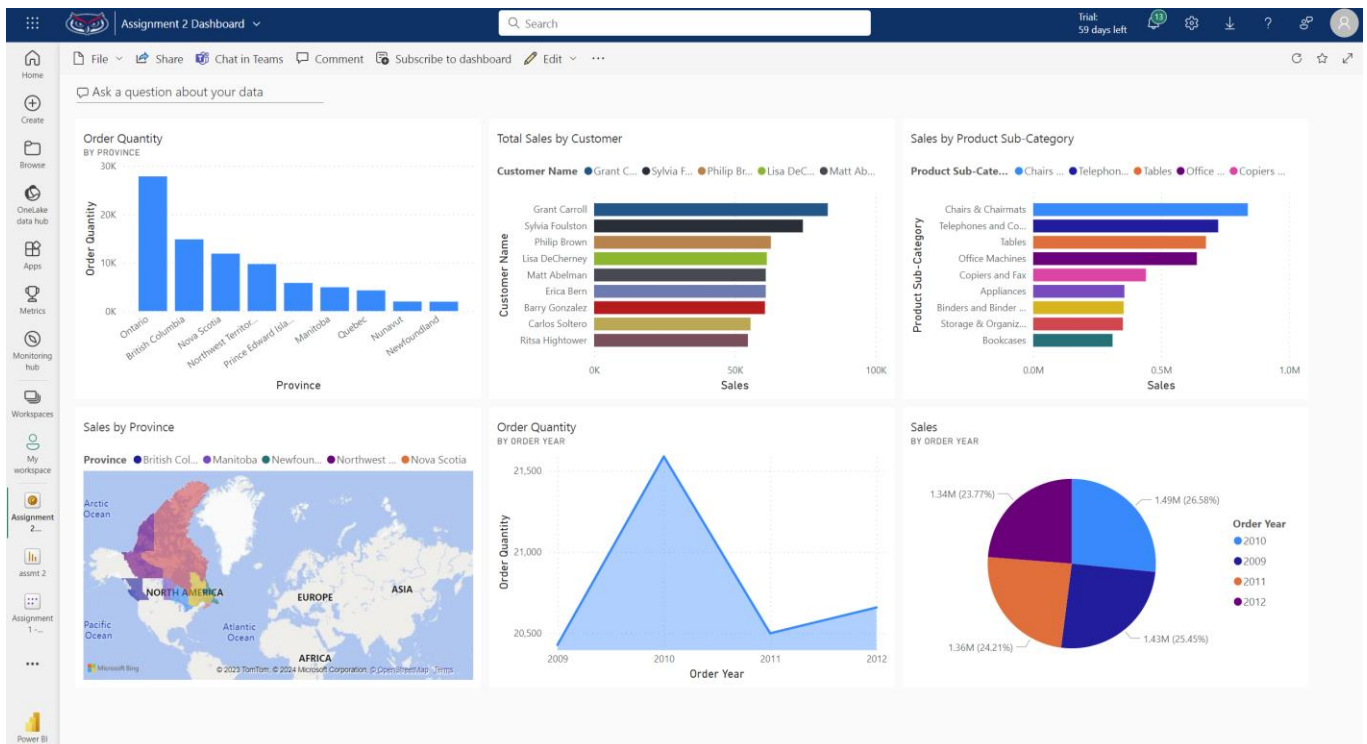
**Total number of sales:** 1,493,694.13



- Report showing all the visualizations.



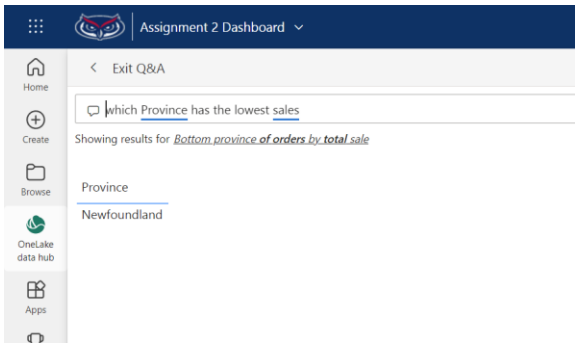
- Created Dashboard for visualizations.



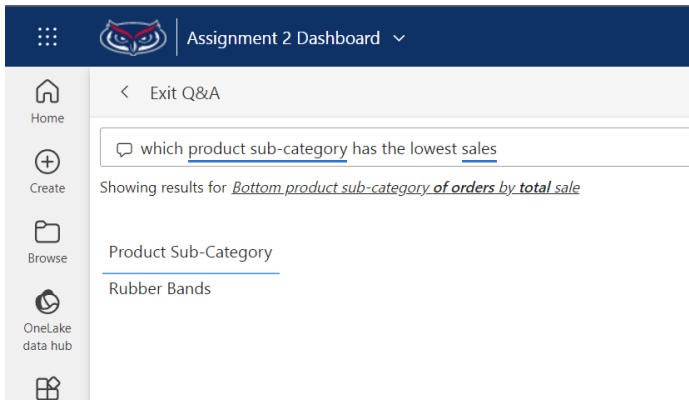
Dashboard Showing all the visualizations.

# Questions about the data:

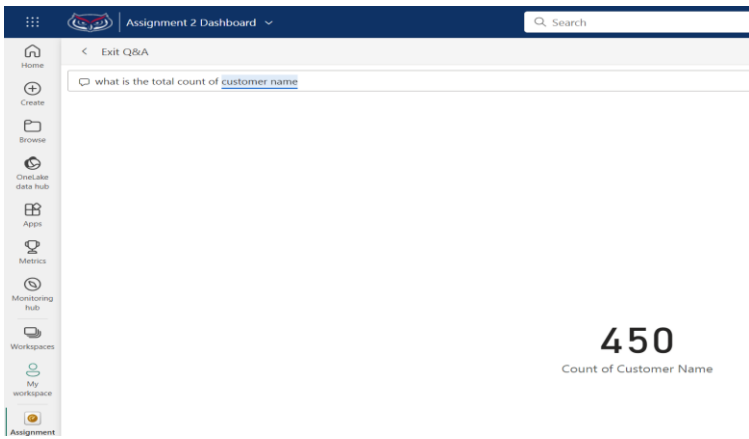
Q1. Which Province has the lowest sales?



Q2. Which product sub-category has the lowest sales?

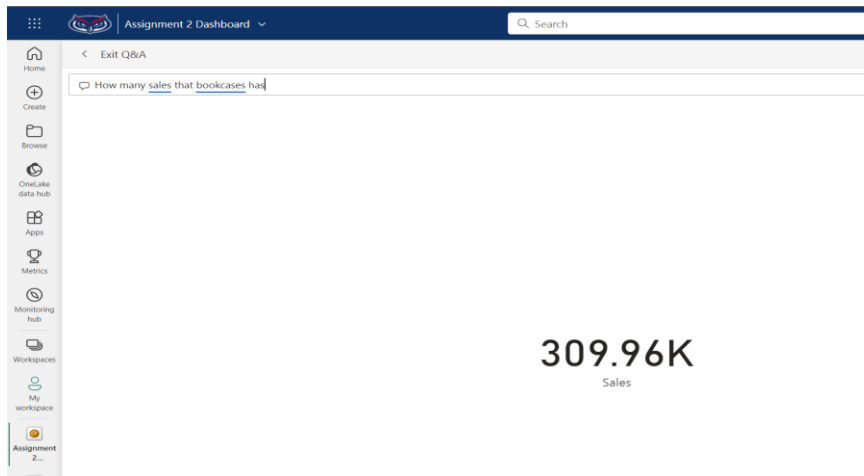


Q3. Give the total customer count





Q4. How many sales that the bookcases has?



Q5. Which year has lowest sales?

