

CMPE 272 - Enterprise Software Platform

Professor Name: Prof. Andrew Bond

Team: Optimus

Team Members: Aishwarya Ravi

Ramya Mahesh

Satish Kathriya

Shruthi Srinivasan

ASSIGNMENT 6

TABLEAU COMPANION WORKBOOK

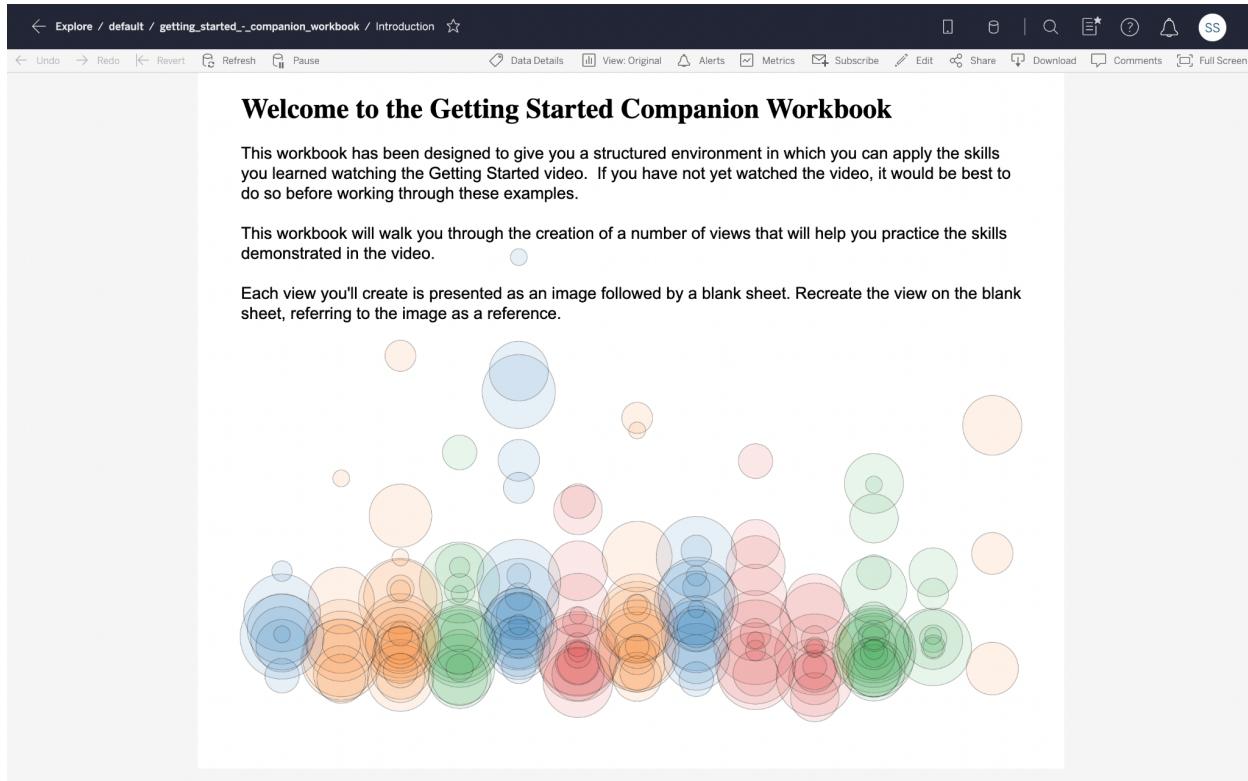
Prerequisites

Download the free trial of Tableau.

Perform the view creation as shown in the example in companion workbook

WORKING ON COMPANION WORKBOOK

Open the Companion Workbook given in the assignment. This will open the Tableau and will open the companion workbook



The Superstore subset sample data is loaded into the workbook. The connection setting is set to Live

Sample data set

Sample - Superstore (1) [.XLS](#) [Share](#) [Update](#)

File Edit View Insert Format Data Tools Help

Row ID Order ID Order Date Ship Date Ship Mod Customer Customer Segment Country/ City State Postal Co Region Product ID Category Sub-Cat

1 CA-2020-152156 8/11/2020 11/11/2020 Second C CG-1252C Claire Gu Consume United St Henders Kentucky 42420 South FUR-BO-1 Furniture Bookcase

2 CA-2020-152156 8/11/2020 11/11/2020 Second C CG-1252C Claire Gu Consume United St Henders Kentucky 42420 South FUR-CH-1 Furniture Chairs

3 CA-2020-138688 12/6/2020 16/6/2020 Second C DV-13045 Darrin Va Corporati United St Los Angel California 90036 West OFF-LA-1 Office Suj Labels

4 US-2019-108966 11/10/2019 18/10/2019 Standard SO-20335 Sean O'D Consume United St Fort Laud Florida 33311 South FUR-TA-1 Furniture Tables

5 US-2019-108966 11/10/2019 18/10/2019 Standard SO-20335 Sean O'D Consume United St Fort Laud Florida 33311 South OFF-ST-1 Office Suj Storage

6 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West FUR-FU-1 Furniture Furnishin

7 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West OFF-AR-1 Office Suj Art

8 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West TEC-PH-1 Technolo,Phones

9 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West OFF-BI-1C Office Suj Binders

10 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West OFF-AP-1 Office Suj Appliance

11 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West FUR-TA-1 Furniture Tables

12 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West TEC-PH-1 Technolo,Phones

13 CA-2018-115812 9/6/2018 14/6/2018 Standard BH-1171C Brosina F Consume United St Los Angel California 90032 West OFF-PA-1 Office Suj Paper

14 CA-2021-114412 15/4/2021 20/4/2021 Standard AA-10480 Andrew A Consume United St Concord North Cai 28027 South OFF-BI-1C Office Suj Binders

15 CA-2020-161389 5/12/2020 10/12/2020 Standard IM-15070 Irene Mac Consume United St Seattle Washington 98103 West OFF-AP-1 Office Suj Appliance

16 US-2019-118983 22/11/2019 26/11/2019 Standard HP-14815 Harold Pe Home Ofi United St Fort Wort Texas 76106 Central OFF-AP-1 Office Suj Appliance

17 US-2019-118983 22/11/2019 26/11/2019 Standard HP-14815 Harold Pe Home Ofi United St Fort Wort Texas 76106 Central OFF-BI-1C Office Suj Binders

18 CA-2018-105893 11/11/2018 18/11/2018 Standard PK-19075 Pete Kriz Consume United St Madison Wisconsin 53711 Central OFF-ST-1 Office Suj Storage

19 CA-2018-167164 13/5/2018 15/5/2018 Second C AG-1027C Alejandrc Consume United St West Jord Utah 84084 West OFF-ST-1 Office Suj Storage

20 CA-2018-143336 27/8/2018 1/9/2018 Second C ZD-21925 Zuschuss Consume United St San Franc California 94109 West OFF-AR-1 Office Suj Art

21 CA-2018-143336 27/8/2018 1/9/2018 Second C ZD-21925 Zuschuss Consume United St San Franc California 94109 West TEC-PH-1 Technolo,Phones

22 CA-2018-143336 27/8/2018 1/9/2018 Second C ZD-21925 Zuschuss Consume United St San Franc California 94109 West OFF-BI-1C Office Suj Binders

23 CA-2020-137330 9/12/2020 13/12/2020 Standard KB-16585 Ken Black Corporati United St Fremont Nebraska 68025 Central OFF-AR-1 Office Suj Art

24 CA-2020-137330 9/12/2020 13/12/2020 Standard KB-16585 Ken Black Corporati United St Fremont Nebraska 68025 Central OFF-AP-1 Office Suj Appliance

25 US-2021-156909 16/7/2021 18/7/2021 Second C SF-20065 Sandra Fl Consume United St Philadelp Pennsylv 19140 East FUR-CH-1 Furniture Chairs

26 CA-2019-106320 25/9/2019 30/9/2019 Standard EB-13870 Emily Bur Consume United St Orem Utah 84057 West FUR-TA-1 Furniture Tables

27 CA-2020-121755 16/1/2020 20/1/2020 Second C EH-13945 Eric Hoffr Consume United St Los Angel California 90049 West OFF-BI-1C Office Suj Binders

28 CA-2020-121755 16/1/2020 20/1/2020 Second C EH-13945 Eric Hoffr Consume United St Los Angel California 90049 West TEC-AC-1 Technolo,Accessori

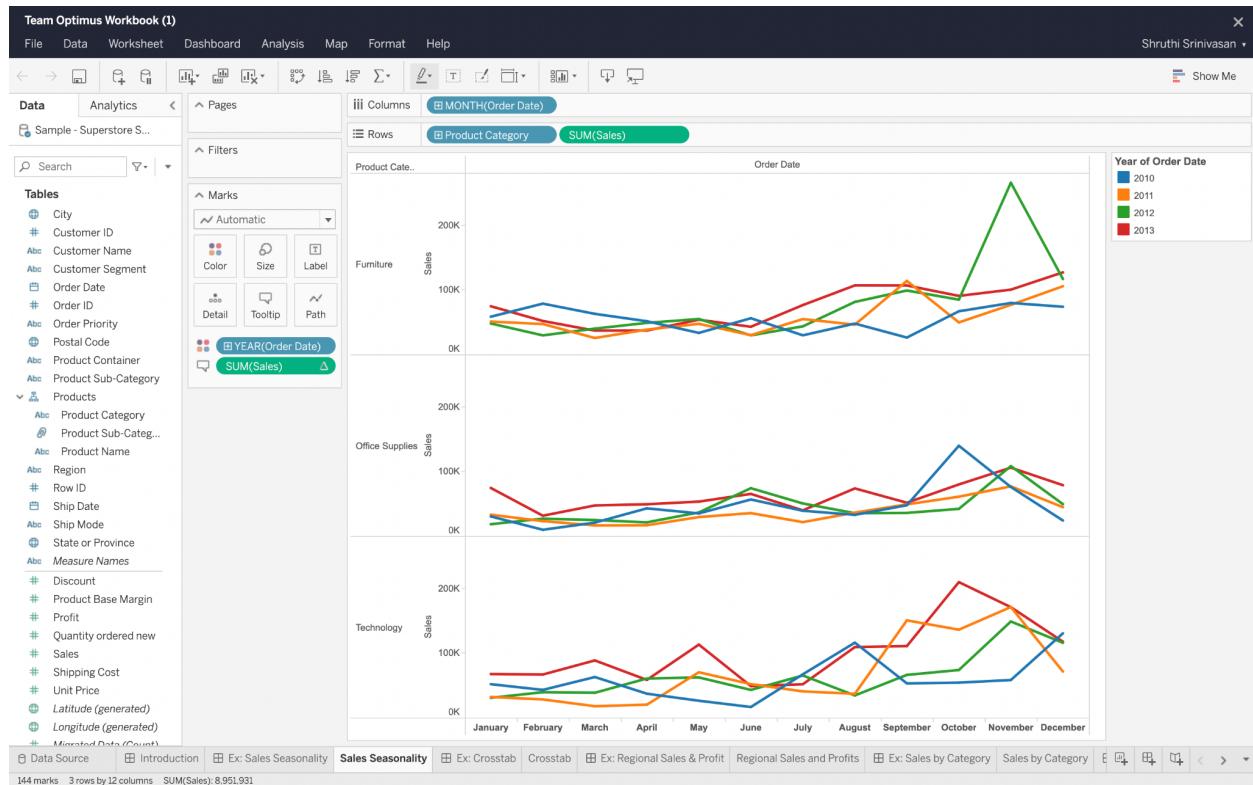
29 US-2019-150630 17/9/2019 21/9/2019 Standard TB-21520 Tracy Blu Consume United St Philadelp Pennsylv 19140 East FUR-BO-1 Furniture Bookcase

30 US-2019-150630 17/9/2019 21/9/2019 Standard TB-21520 Tracy Blu Consume United St Philadelp Pennsylv 19140 East OFF-BI-1C Office Suj Binders

31 US-2019-150630 17/9/2019 21/9/2019 Standard TB-21520 Tracy Blu Consume United St Philadelp Pennsylv 19140 East FUR-FU-1 Furniture Furnishin

Following worksheets are created as part of the workbook.

1. Sales Seasonality



2 . Crosstab for sales seasonality

Team Optimus Workbook (1)

File Data Worksheet Dashboard Analysis Map Format Help

Shruthi Srinivasan

Data Analytics < ^ Pages

Sample - Superstore S...

Search

Tables

- City
- Customer ID
- Customer Name
- Customer Segment
- Order Date
- Order ID
- Order Priority
- Postal Code
- Product Container
- Product Sub-Category
- Products
- Product Category
- Product Sub-Categ...
- Product Name
- Region
- Row ID
- Ship Date
- Ship Mode
- State or Province
- Measure Names
- Discount
- Product Base Margin
- Profit
- Quantity ordered new
- Sales
- Shipping Cost
- Unit Price
- Latitude (generated)
- Longitude (generated)
- Mapped Data (Count)

iii Columns (YEAR(Order Date)) Measure Names

Rows (Product Category) QUARTER(Order Date)

Product Category

Order Date

2010 2011 2012 2013

Quarter of Order Date

Running Sum of Sales rest. Sales Running Sum of Sales rest. Sales Running Sum of Sales rest. Sales Running Sum of Sales rest. Sales

Furniture

Quarter of Order Date	2010	2011	2012	2013
Q1	198,800	198,800	122,657	122,657
Q2	338,747	139,947	237,622	114,965
Q3	441,652	102,905	451,076	213,455
Q4	660,699	219,048	681,147	230,571

Office Supplies

Quarter of Order Date	2010	2011	2012	2013
Q1	60,388	60,388	72,078	72,078
Q2	194,043	133,655	153,091	81,012
Q3	312,926	118,882	259,247	106,156
Q4	551,369	238,443	440,724	181,477

Technology

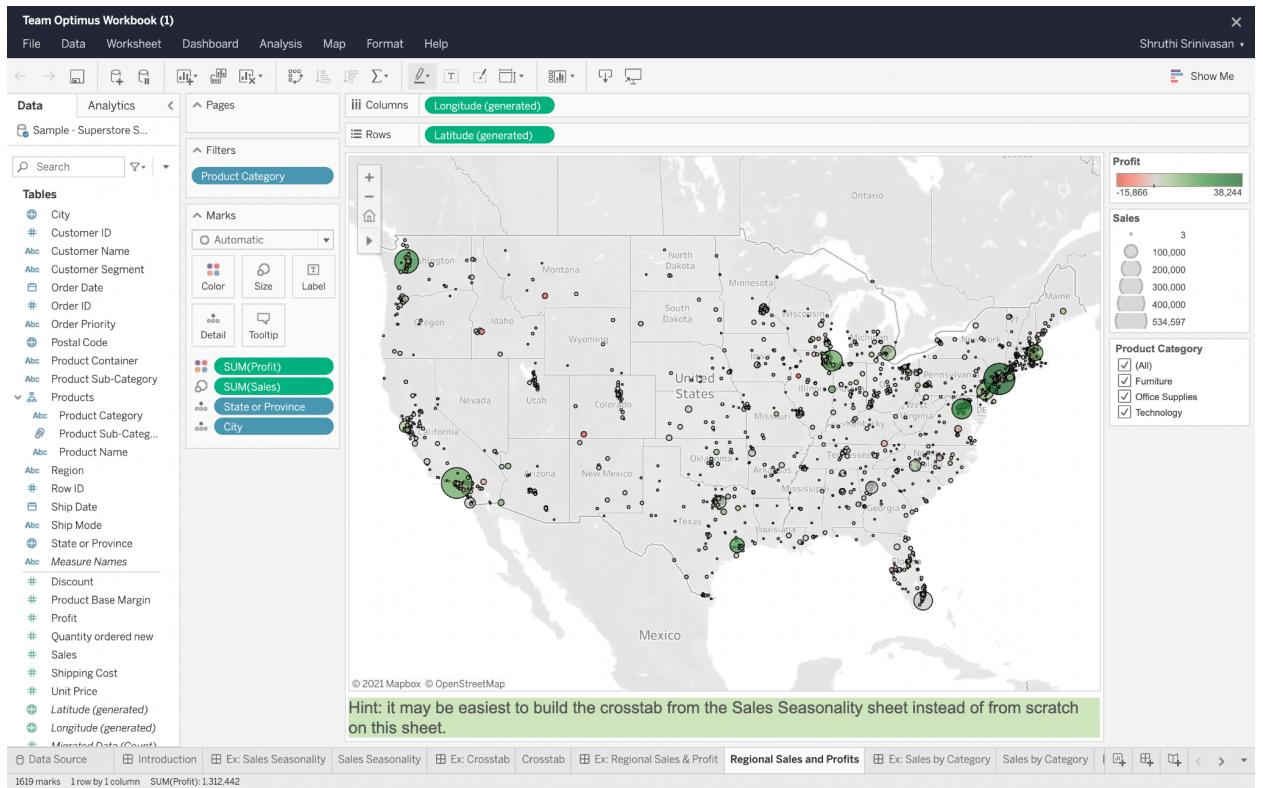
Quarter of Order Date	2010	2011	2012	2013
Q1	156,692	156,692	77,312	77,312
Q2	235,876	79,184	218,680	141,368
Q3	470,774	234,698	445,451	226,770
Q4	712,265	241,491	822,137	376,686

Profit

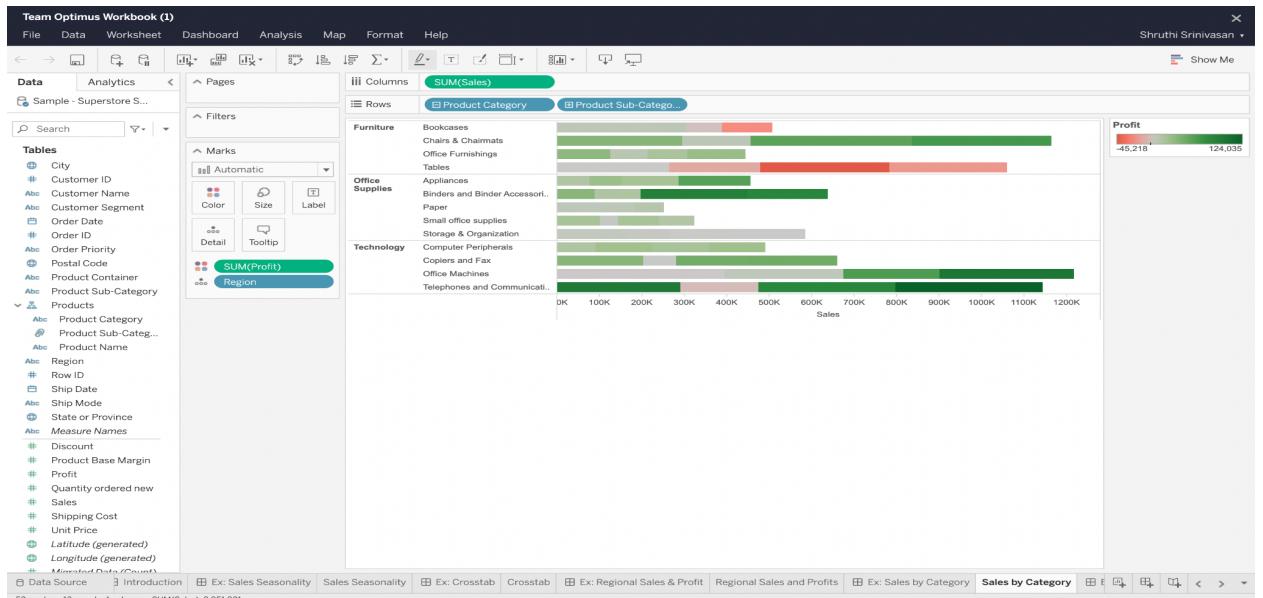
- 22,430
- 112,151

96 marks 12 rows by 8 columns SUM of Measure Values: 27,965,211

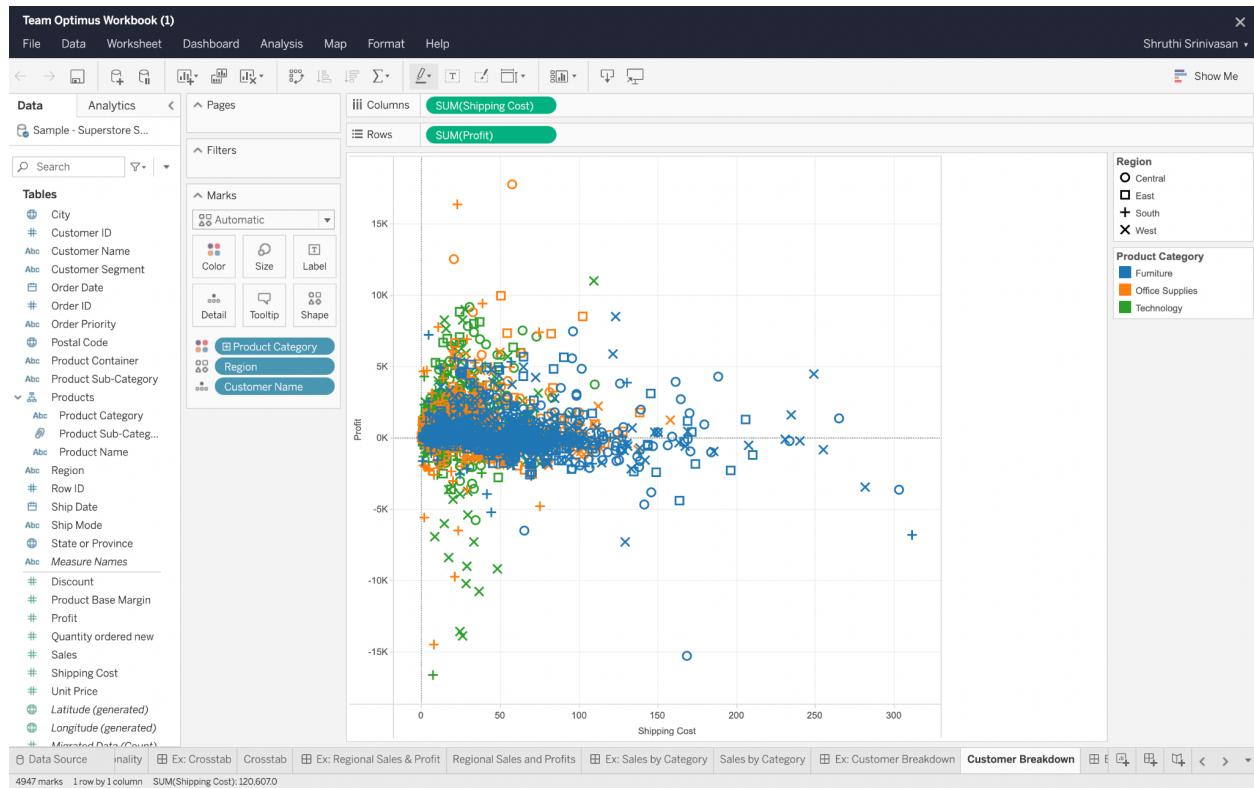
3. Regional Sales and Profitability



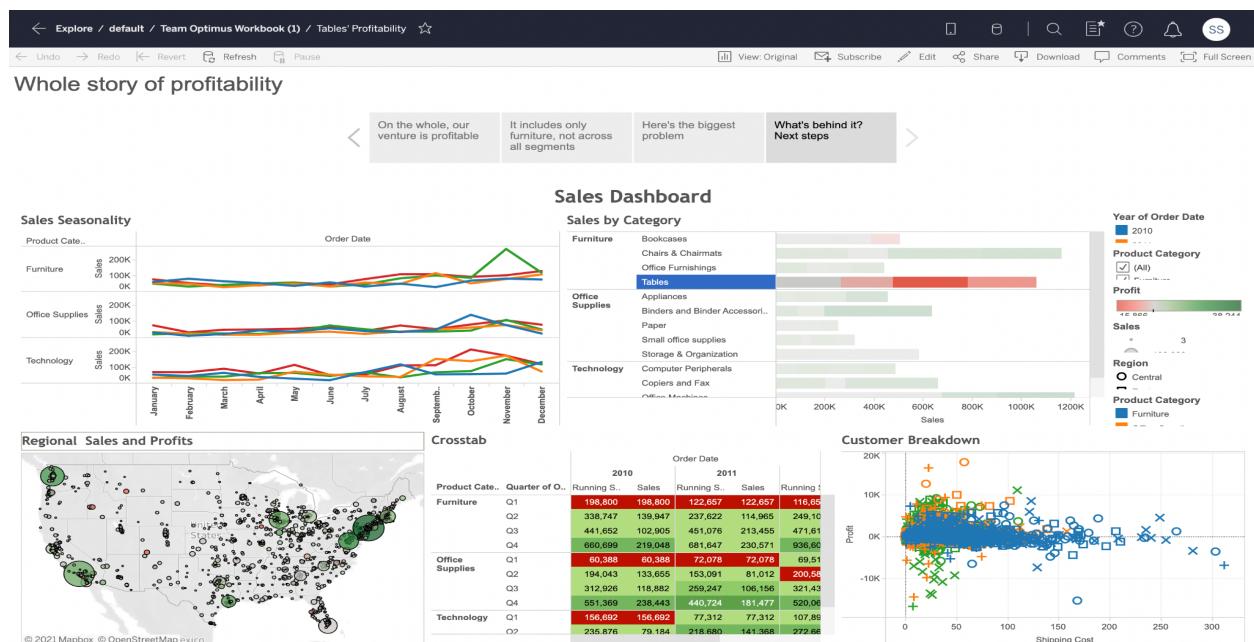
4. Sales by Category



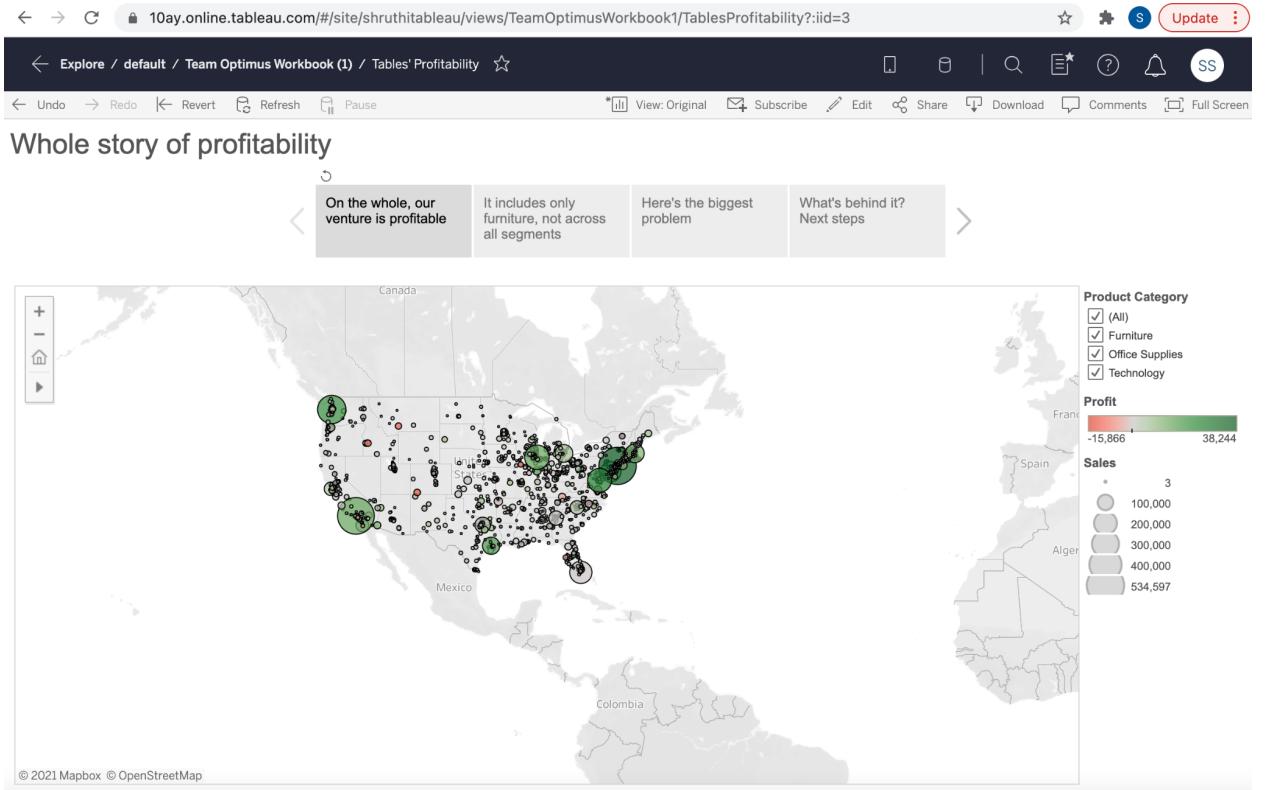
5. Customer Breakdown

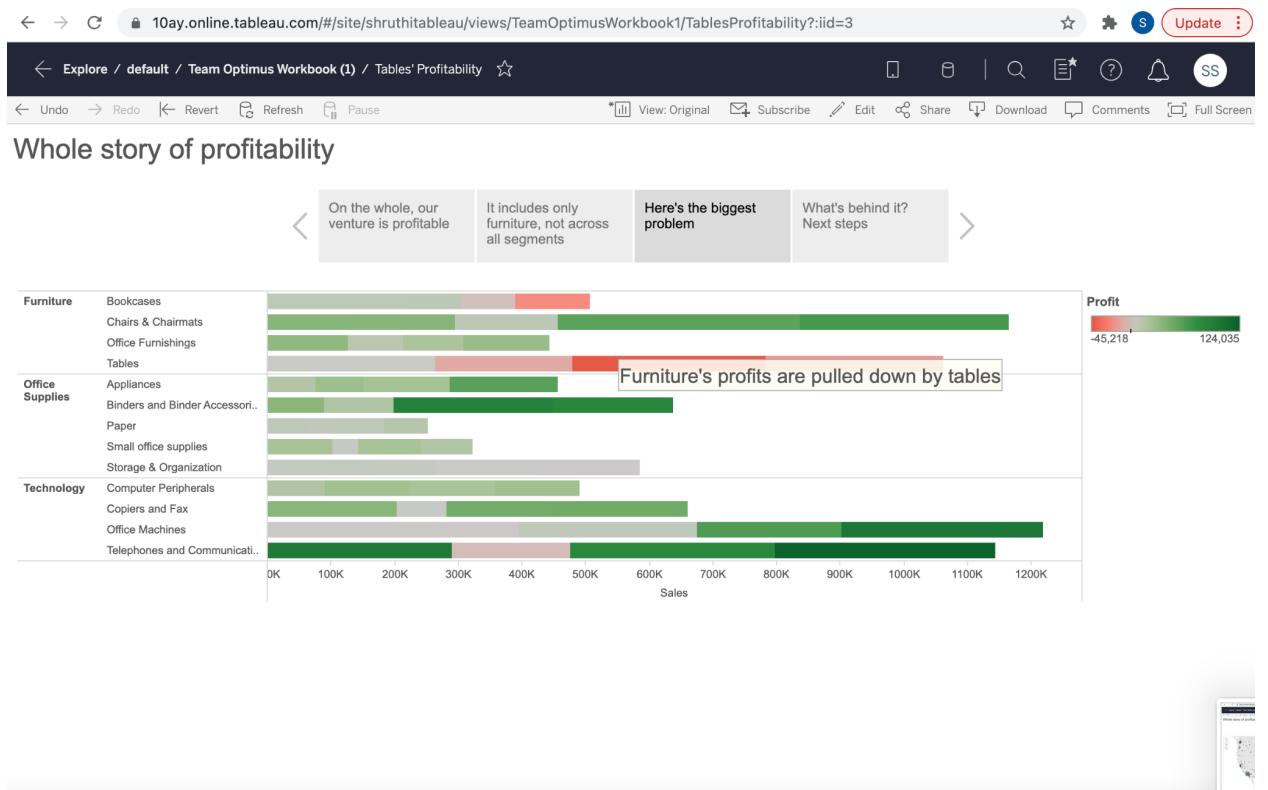
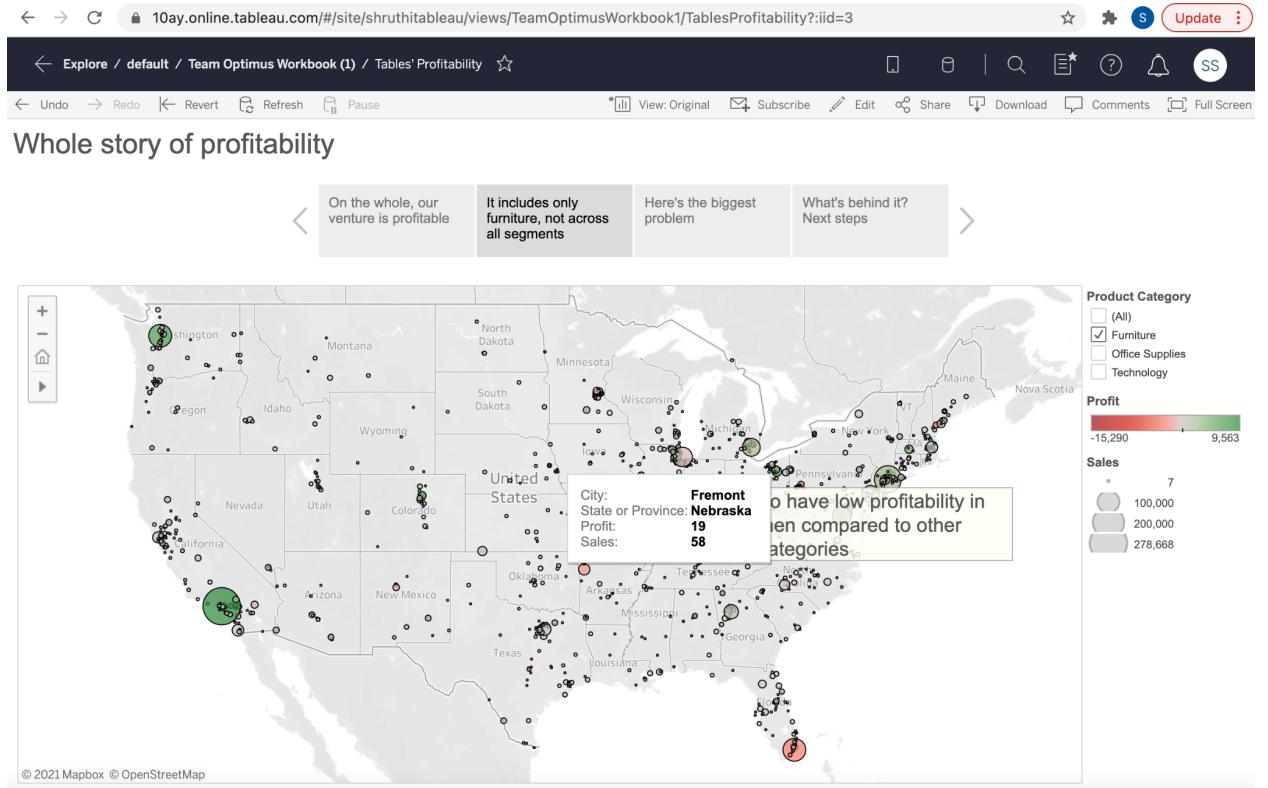


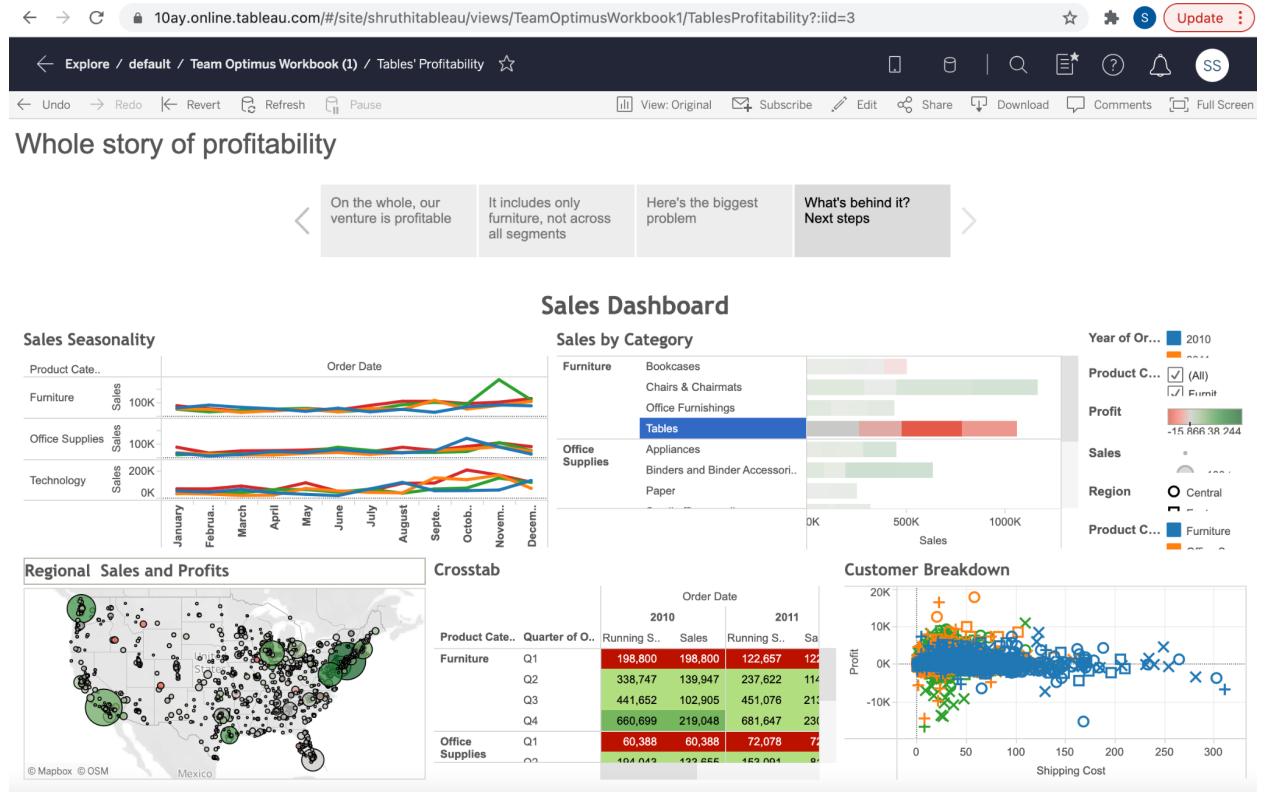
6. Sales Dashboard



The whole story of Profitability







Link to the workbook

<https://drive.google.com/file/d/1zulipDwT0W6roUGSRW7z63fMuixxAm7v/view?usp=sharing>