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UNIVERSITY OF MICHIGAN

SI 649: Tableau Tutorial 3

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Data Models

- The tables that you add to the canvas in the **Data Source** page create the structure of the data model.
  - Single table
  - Multiple tables:
    - Different combinations of relationships, joins, and unions.

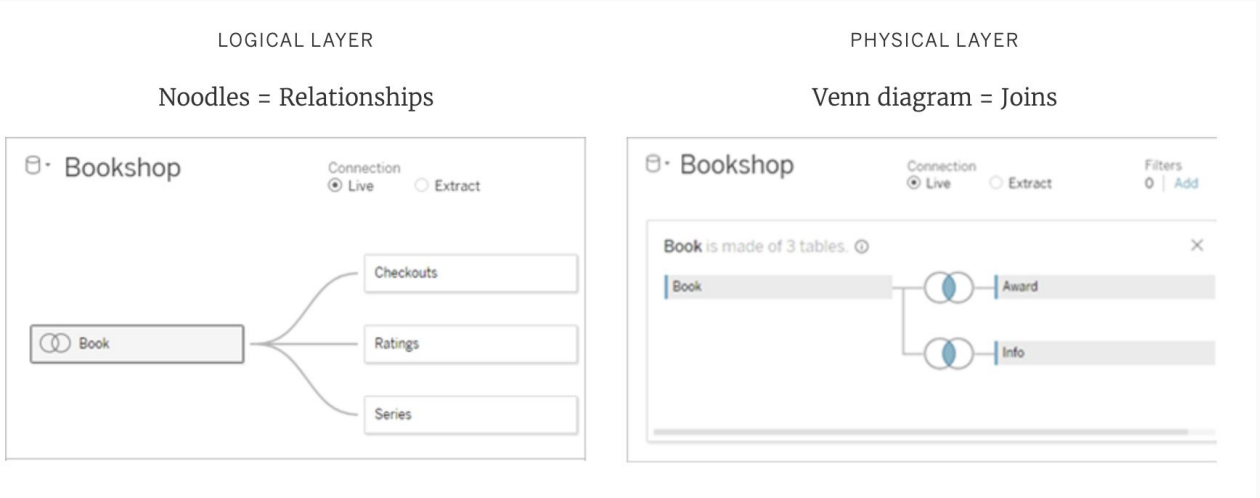
Data Models

Logical layer

- Relationships (or noodles)

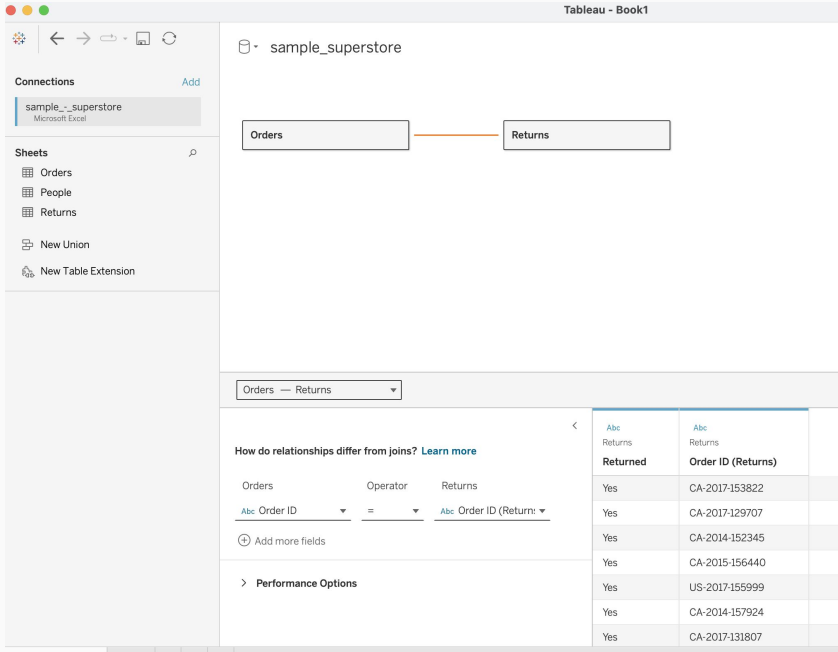
Physical Layer

- Joins and Unions



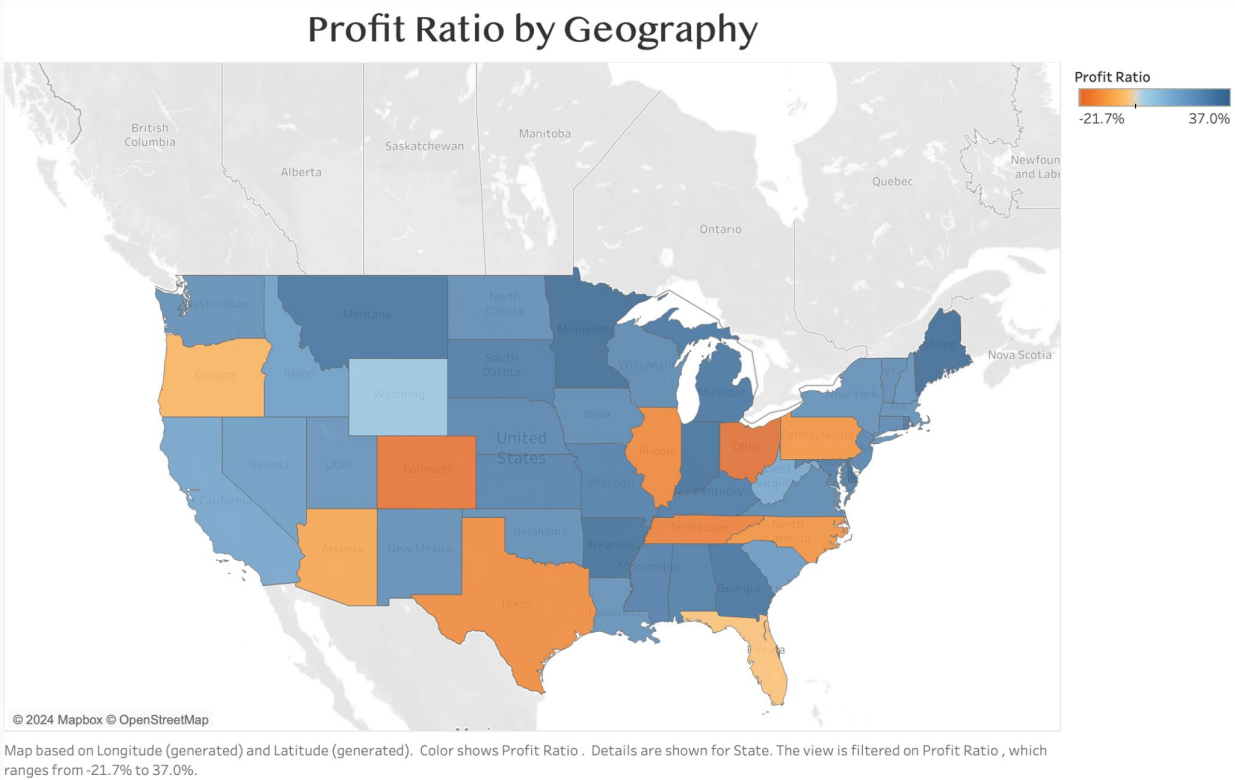
Connect to Data

- Dataset: Sample_Superstore
- Merge data sources: Orders and Returns



Practise

- Show Me Pane
- Search Functionality
- Value Range Filters
- Dropdown Filtering
  - Single Select
  - Multi Select



Creating Text Tables

- Create Text Table
  - Measure Names
  - Measure Values
- Dropdown Filtering
  - Single Select
  - Multi Select

Text Table

	Category / Region											
	Furniture				Office Supplies				Technology			
	Central	East	South	West	Central	East	South	West	Central	East	South	West
Discount	143	93	40	93	359	245	167	177	56	77	32	80
Profit	-2,871	3,046	6,771	11,505	8,880	41,015	19,986	52,610	33,697	47,462	19,992	44,304
Sales	163,797	208,291	117,299	252,613	167,026	205,516	125,651	220,853	170,416	264,974	148,772	251,992

Chart 1: Profit by Category and Subcategory

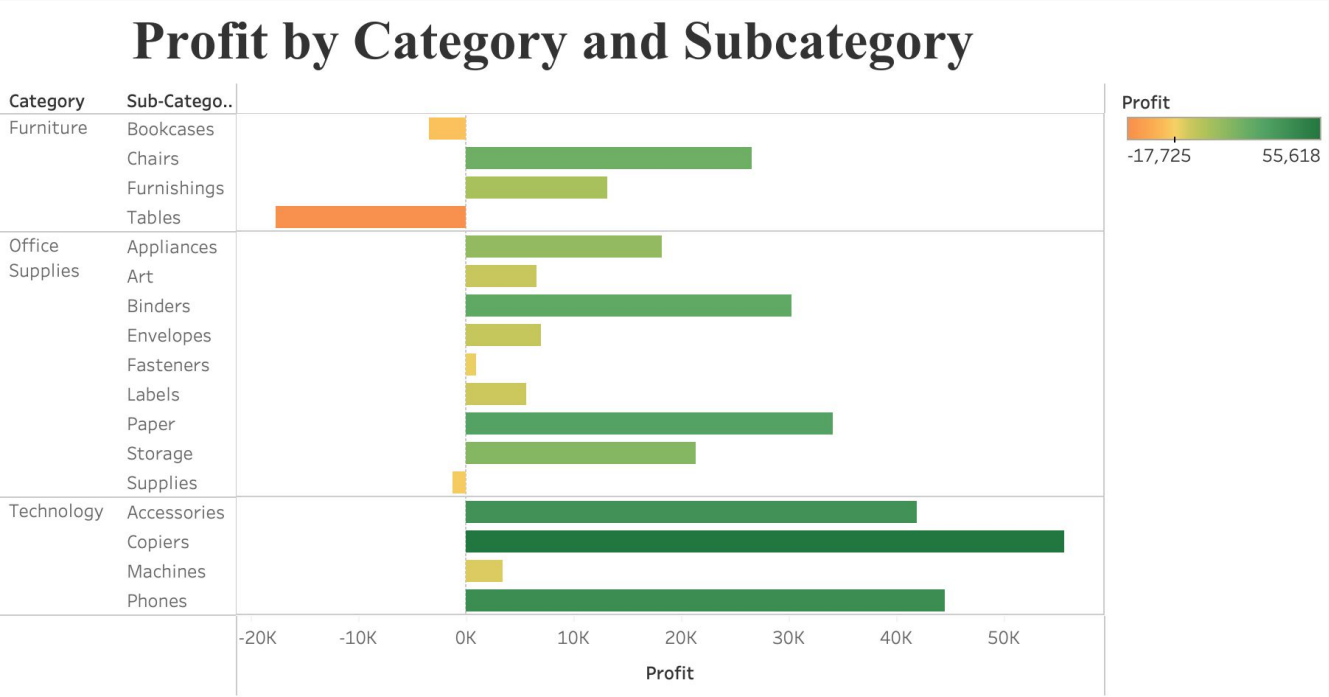
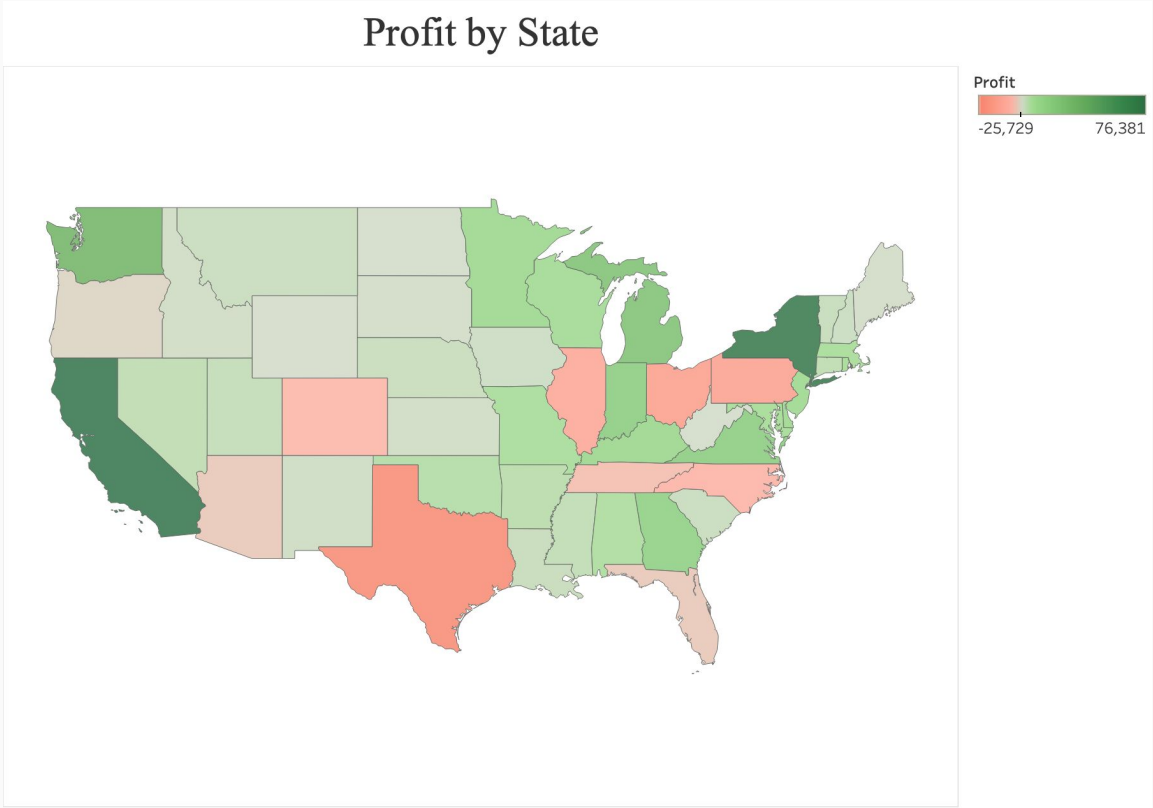
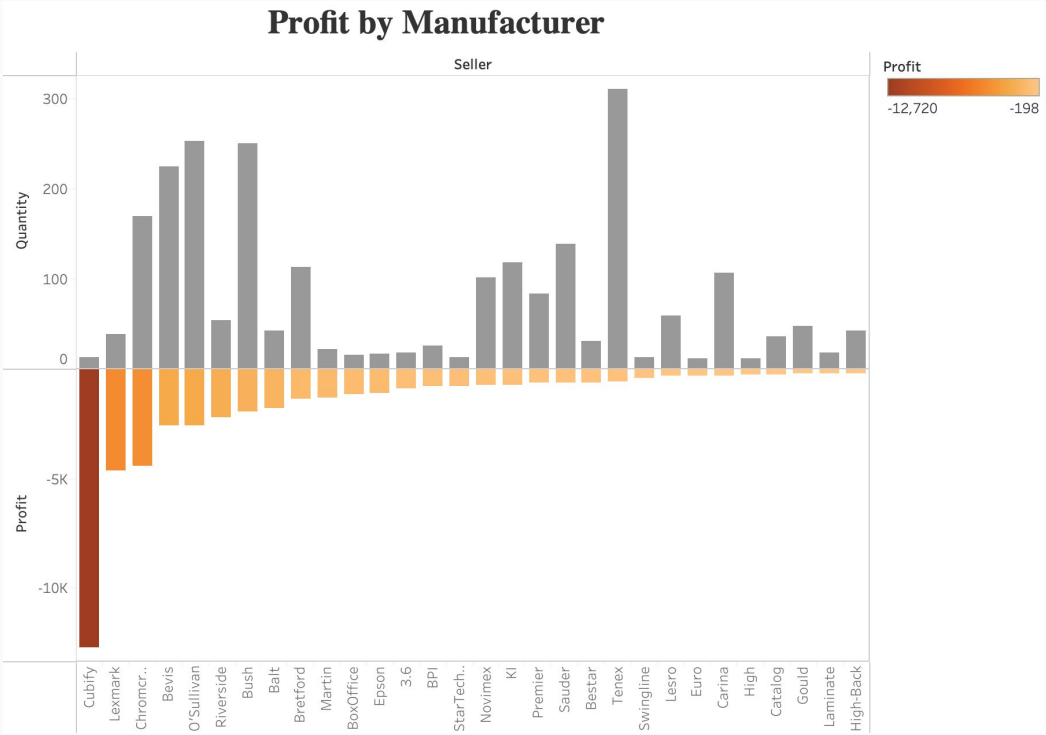


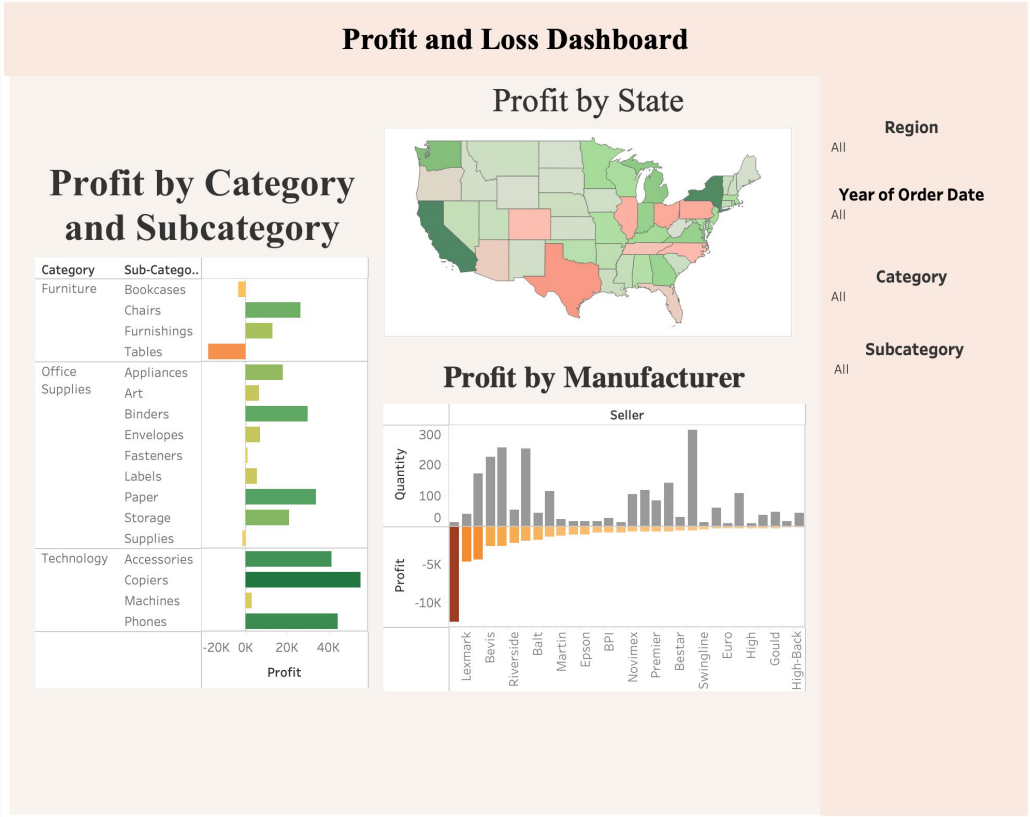
Chart 2: Profit by State



Profit by Manufacturer



Interactive Dashboard



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THANK YOU!

- Shreya Jain