



CIS 3200 Term Presentation

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Brief Summary of Our Dataset

- 24 columns/dimensions
- 9,995 records
- ~ 3MB
- <link to original data source>
- <Github link>

Latitude	Longitude	Postal Code	Region	Product ID	Category	Sub-Category	Product Name
37.83615	-87.5900134	42420	South	FUR-BO-10001798	Furniture	Bookcases	Bush Somerset Collection Bookcase
37.83615	-87.5900134	42420	South	FUR-CH-10000454	Furniture	Chairs	Hon Deluxe Fabric Upholstered Stacking Chairs, Rounded Back
34.05223	-118.2436849	90036	West	OFF-LA-10000240	Office Supplies	Labels	Self-Adhesive Address Labels for Typewriters by Universal
26.12244	-80.1373174	33311	South	FUR-TA-10000577	Furniture	Tables	Bretford CRA500 Series Slim Rectangular Table
26.12244	-80.1373174	33311	South	OFF-ST-10000760	Office Supplies	Storage	Eldon Fold 'N Roll Cart System
34.05223	-118.2436849	90032	West	FUR-FU-10001487	Furniture	Furnishings	Eldon Expressions Wood and Plastic Desk Accessories, Cherry Wood
34.05223	-118.2436849	90032	West	OFF-AR-10002833	Office Supplies	Art	Newell 322
34.05223	-118.2436849	90032	West	TEC-PH-10002275	Technology	Phones	Mitel 5320 IP Phone VoIP phone
34.05223	-118.2436849	90032	West	OFF-BI-10003910	Office Supplies	Binders	DXL Angle-View Binders with Locking Rings by Samsill
34.05223	-118.2436849	90032	West	OFF-AP-10002892	Office Supplies	Appliances	Belkin F5C206VTEL 6 Outlet Surge
34.05223	-118.2436849	90032	West	FUR-TA-10001539	Furniture	Tables	Chromcraft Rectangular Conference Tables
34.05223	-118.2436849	90032	West	TEC-PH-10002033	Technology	Phones	Konitel 250 Conference/2/phone/2/- Charcoal black
35.40675	-80.579511	28027	South	OFF-PA-10002365	Office Supplies	Paper	Xerox 1967
47.60621	-122.3320708	98103	West	OFF-BI-10003656	Office Supplies	Binders	Fellowes PB200 Plastic Comb Binding Machine
32.75549	-97.3307658	76106	Central	OFF-AP-10002311	Office Supplies	Appliances	Holmes Replacement Filter for HEPA Air Cleaner, Very Large Room, HEPA Filter
32.75549	-97.3307658	76106	Central	OFF-BI-10000756	Office Supplies	Binders	Storax DuraTech Recycled Plastic Frosted Binders
43.07305	-89.4012302	53711	Central	OFF-ST-10004186	Office Supplies	Storage	Stur-D-Stor Shelving, Vertical 5-Shelf: 72"H x 36"W x 18 1/2"D
40.60967	-111.9391031	84084	West	OFF-ST-10000107	Office Supplies	Storage	Fellowes Super Stor/Drawer
37.77493	-122.4194155	94109	West	OFF-AR-10003056	Office Supplies	Art	Newell 341
37.77493	-122.4194155	94109	West	TEC-PH-10001949	Technology	Phones	Cisco SPA 501G IP Phone
37.77493	-122.4194155	94109	West	OFF-BI-10002215	Office Supplies	Binders	Wilson Jones Hanging View Binder, White, 1"
41.43339	-96.4981467	68025	Central	OFF-AR-10000246	Office Supplies	Art	Newell 318
41.43339	-96.4981467	68025	Central	OFF-AP-10001492	Office Supplies	Appliances	Acco Six-Outlet Power Strip, 4' Cord Length
39.91843	-75.1366547	19140	East	FUR-CH-10002774	Furniture	Chairs	Global Deluxe Stacking Chair, Gray
40.2969	-111.6946475	84057	West	FUR-TA-10001634	Furniture	Tables	Bretford CRA500 Series Slim Rectangular Table
34.05223	-118.2436849	90049	West	OFF-BI-10001634	Office Supplies	Binders	Wilson Jones Active Use Binders
34.05223	-118.2436849	90049	West	TEC-AC-10003027	Technology	Accessories	Imation i458GB Mini TravelDrive USB 2.0/1/Flash Drive
39.91843	-75.1366547	19140	East	FUR-BO-10004834	Furniture	Bookcases	Riverside Palais Royal Lawyers Bookcase, Royale Cherry Finish
39.91843	-75.1366547	19140	East	OFF-BI-10000474	Office Supplies	Binders	Avery Recycled Flexi-View Covers for Binding Systems
39.91843	-75.1366547	19140	East	FUR-FU-10004848	Furniture	Furnishings	Howard Miller 13-3/4" Diameter Brushed Chrome Round Wall Clock
39.91843	-75.1366547	19140	East	OFF-EN-10001509	Office Supplies	Envelopes	Poly String Tie Envelopes
39.91843	-75.1366547	19140	East	OFF-AR-10000402	Office Supplies	Art	BOSTON Model 1800 Electric Pencil Sharpeners, Putty/Woodgrain
39.91843	-75.1366547	19140	East	OFF-BI-10001525	Office Supplies	Binders	Acco Pressboard Covers with Storage Hooks, 14 7/8" x 11", Executive Red
39.91843	-75.1366547	19140	East	OFF-AR-10001683	Office Supplies	Art	Lumber Crayons
29.76043	-95.3698028	77095	Central	OFF-PA-10000249	Office Supplies	Paper	Easy-staple paper
32.94833	-96.7298519	75080	Central	TEC-PH-10004977	Technology	Phones	GE 30524EE4
32.94833	-96.7298519	75080	Central	FUR-FU-10003664	Furniture	Furnishings	Electrix Architect's Clamp-On Swing Arm Lamp, Black
29.76043	-95.3698028	77041	Central	OFF-EN-10002986	Office Supplies	Envelopes	#10-4 1/8" x 9 1/2" Premium Diagonal Seam Envelopes
29.76043	-95.3698028	77041	Central	FUR-BO-10002545	Furniture	Bookcases	Atlantic Metals Mobile 3-Shelf Bookcases, Custom Colors
29.76043	-95.3698028	77041	Central	FUR-CH-10004218	Furniture	Chairs	Global Fabric Manager's Chair, Dark Gray

*Snapshot of dataset



Retail Superstore

Summary:

- A retail super store has been in operation for the past 4 years while collecting consumer and sales data
- Data is managed on-site with no data analytic tool implementation



Retail Superstore

Significance

- Larger companies and organizations are leveraging their data, staying leaps ahead of private business owners
- We want our analysis to apply to a real-world issue.



Retail Superstore

- Our group has been contracted by the company to produce an analytical dashboard
- The overall business objective focuses on developing and producing a business process for the retail superstore to maintain future analytics

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File contents

First 1,000 lines

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6 5,10-2015-108986,10/11/2015,10/10/2015,Standard Class,IS-2015,Sean O'Donnell,Consumer,United States,Port Lauderdale,Florida,United States Port Lauderdale Florida ,46,1224386,-88.12/21/16,2021,South,OFF-ST-1000076,Office Supplies,Storage,Elson Fold 10 Roll Cart System,22,366,2,8,2,2,3464
7 6,CA-2014-115812,6/9/2014,6/14/2014,Standard Class,BH-11718,Brossina Hoffman,Consumer,United States,Los Angeles,California,United States Los Angeles California ,34,4652342,-118.2436849,90032,West,FURN-FU-1000145,Furniture,Furnishings,Elton Expressions Mood and Plastic Desk Accessories, Cherry Wood,48,86,7,8,14,1694
8 7,CA-2014-115812,6/9/2014,6/14/2014,Standard Class,BH-11718,Brossina Hoffman,Consumer,United States,Los Angeles,California,United States Los Angeles California ,34,4652342,-118.2436849,90032,West,FURN-FU-1000145,Furniture,Furnishings,Elton Expressions Mood and Plastic Desk Accessories, Cherry Wood,48,86,7,8,14,1694
9 8,CA-2014-115812,6/9/2014,6/14/2014,Standard Class,BH-11718,Brossina Hoffman,Consumer,United States,Los Angeles,California,United States Los Angeles California ,34,4652342,-118.2436849,90032,West,TEC-PH-1000275,Technology,Phones,Filet 5300 IP Phone VoIP phone,307,152,6,8,2,86,7152
10 9,CA-2014-115812,6/9/2014,6/14/2014,Standard Class,BH-11718,Brossina Hoffman,Consumer,United States,Los Angeles,California,United States Los Angeles California ,34,4652342,-118.2436849,90032,West,OFF-BE-1000393,Office Supplies,Binders,206 Angle View Binders with Locking Ring by Smell11,18,506,3,8,2,1,7823
11 10,CA-2014-115812,6/9/2014,6/14/2014,Standard Class,BH-11718,Brossina Hoffman,Consumer,United States,Los Angeles,California,United States Los Angeles California ,34,4652342,-118.2436849,90032,West,OFF-AP-1000282,Office Supplies,Apliances,Reikin PSC200VTEL 6 Outlet Surge,114,9,5,8,34,47
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14 13,CA-2014-115812,6/9/2014,6/14/2014,Standard Class,AB-10408,Andrew Allan,Consumer,United States,Concord,North Carolina,United States Concord North Carolina ,35,4087517,-88.579511,20623,South,OFF-BH-1000345,Office Supplies,Paper,Xerox 1067 15.5x22,8,0,5,5,4432
15 14,CA-2014-181399,12/5/2014,12/30/2014,Standard Class,IM-13870,Irene Maddox,Consumer,United States,Seattle,Washington,United States Seattle Washington ,47,6062095,-122.3220789,98103,West,OFF-BI-1000306,Office Supplies,Binders,Fellowes PB280 Plastic Comb Binding Machine,489,976,3,8,2,132,1952
16 15,10-2015-108993,11/22/2015,11/26/2015,Standard Class,HP-14815,Harold Paulau,Home Office,United States,Port North,Texas,United States Port North Texas ,32,7565505,-97.3307059,76106,Central,OFF-AP-1000311,Office Supplies,Apliances,Huane Replacement Filter for 40% Air Cleaner, Very Large Room, HEPA Filter,68,81,5,8,8,-123,858
17 16,10-2015-118803,11/22/2015,11/26/2015,Standard Class,HP-14815,Harold Paulau,Home Office,United States,Port North,Texas,United States Port North Texas ,32,7565505,-97.3307059,76106,Central,OFF-BI-1000306,Office Supplies,Binders,Stores Duratech Recycled Plastic Frosted Binder,2,544,3,8,8,-3,816
18 17,CA-2014-108910,11/11/2014,11/10/2014,Standard Class,PH-10075,Pete Kriz,Consumer,United States,Melton,Wisconsin,United States Melton Wisconsin ,43,8730517,-88.4812302,5371,Central,OFF-ST-1000418,Office Supplies,Storage,Star-O-Star Shelving, Vertical 3-Shelf: 72"H x 36"W x 10 1/2"D,665,68,6,8,13,3176
19 18,CA-2014-108910,11/11/2014,11/10/2014,Standard Class,PH-10075,Pete Kriz,Consumer,United States,Melton,Wisconsin,United States Melton Wisconsin ,43,8730517,-88.4812302,5371,Central,OFF-ST-1000418,Office Supplies,Storage,Star-O-Star Shelving, Vertical 3-Shelf: 72"H x 36"W x 10 1/2"D,665,68,6,8,13,3176
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Summary

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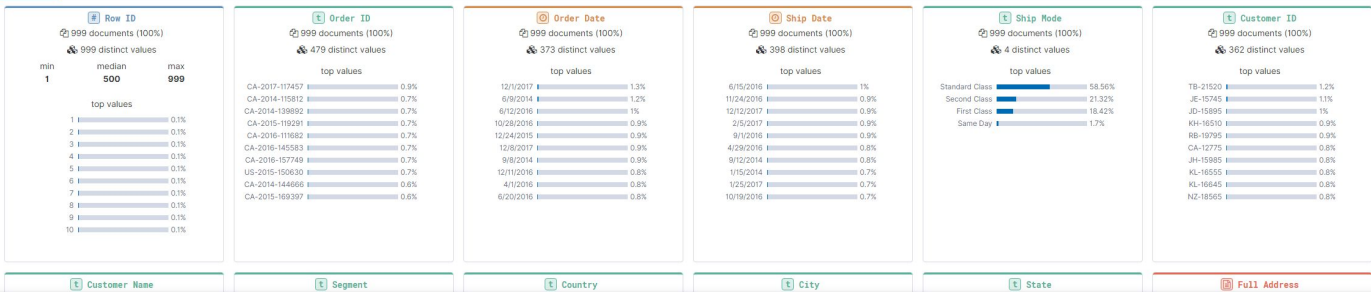
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Time field Order Date

Time formats MM/dd/yyyy, M/dd/yyyy, MM/dd/yyyy, M/dd/yyyy

Override settings Analysis explanation

File stats



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- Longitude & Latitude dimensions were added prior to import

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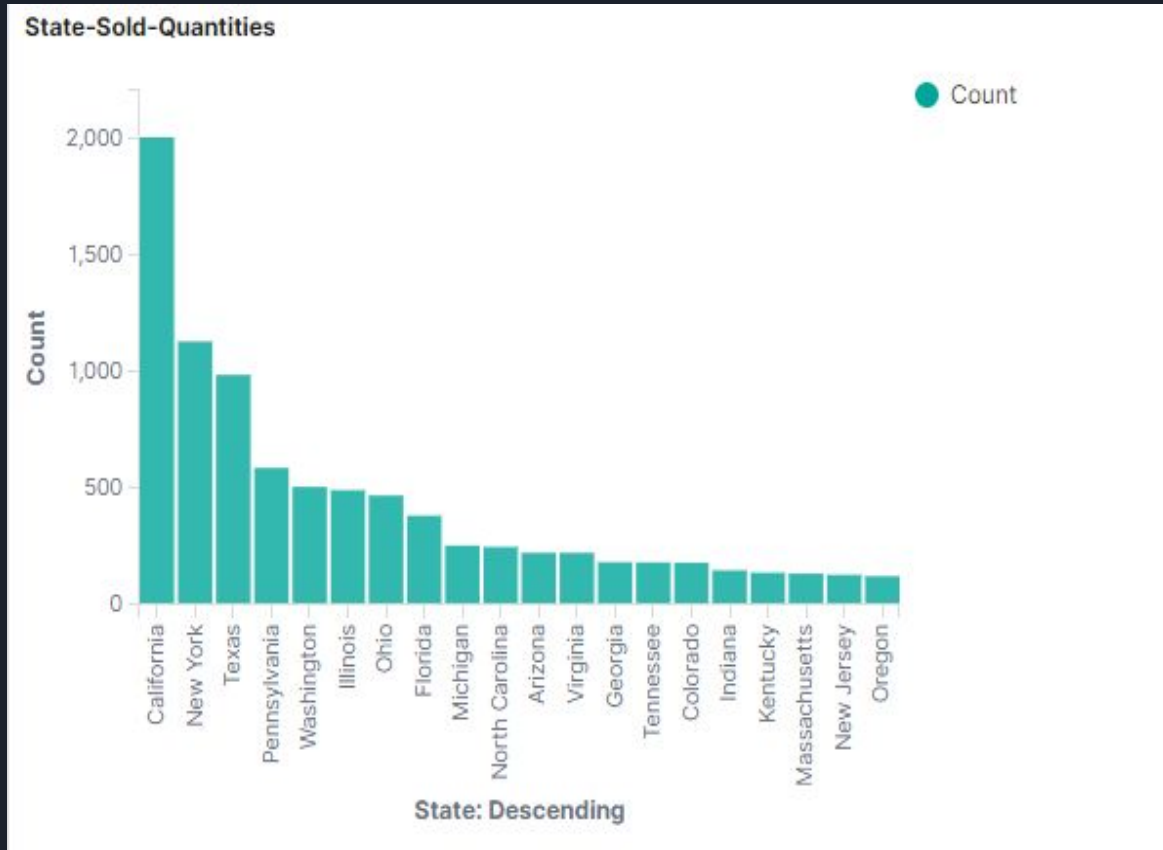
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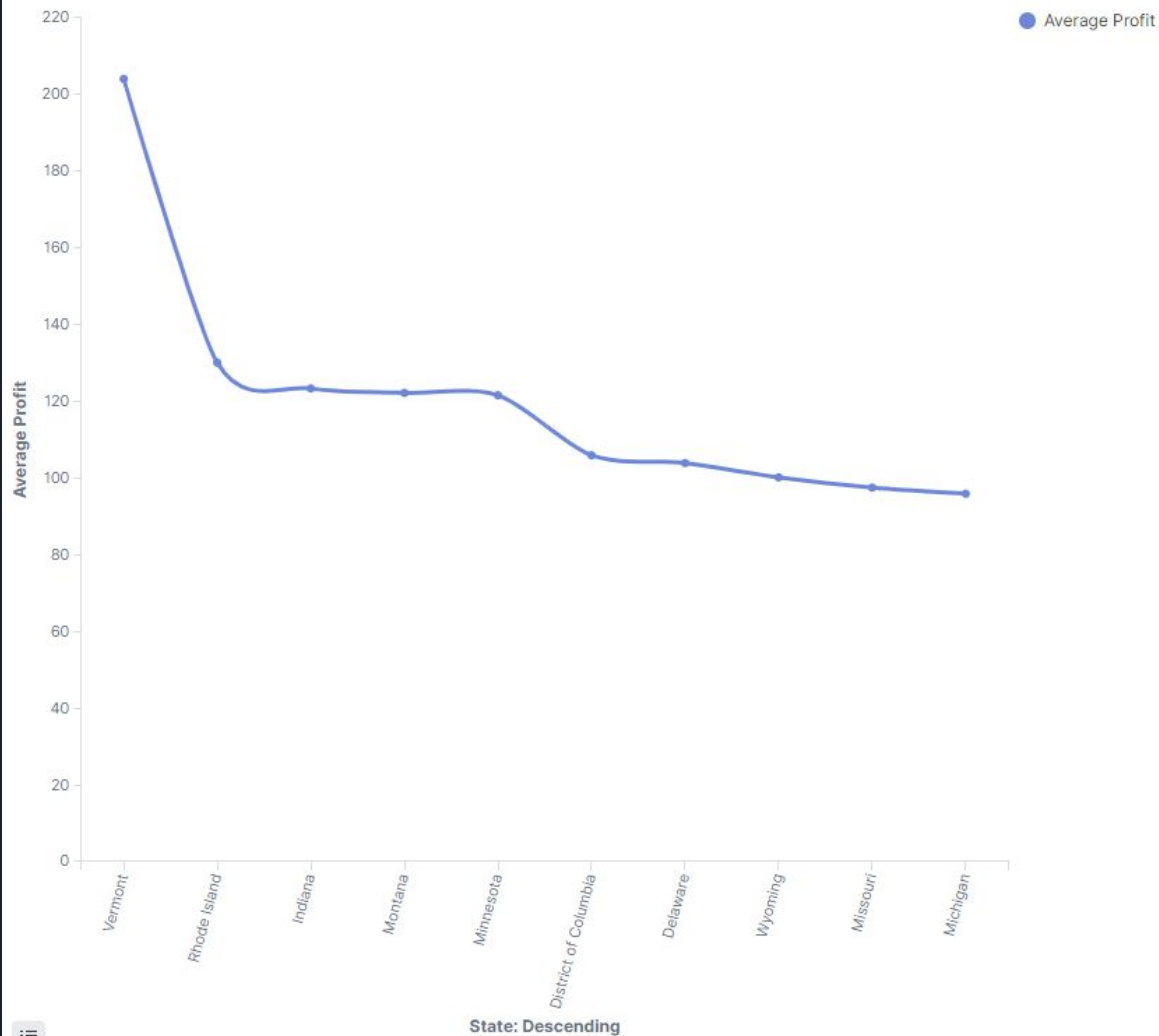
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What's your 1st opinion?

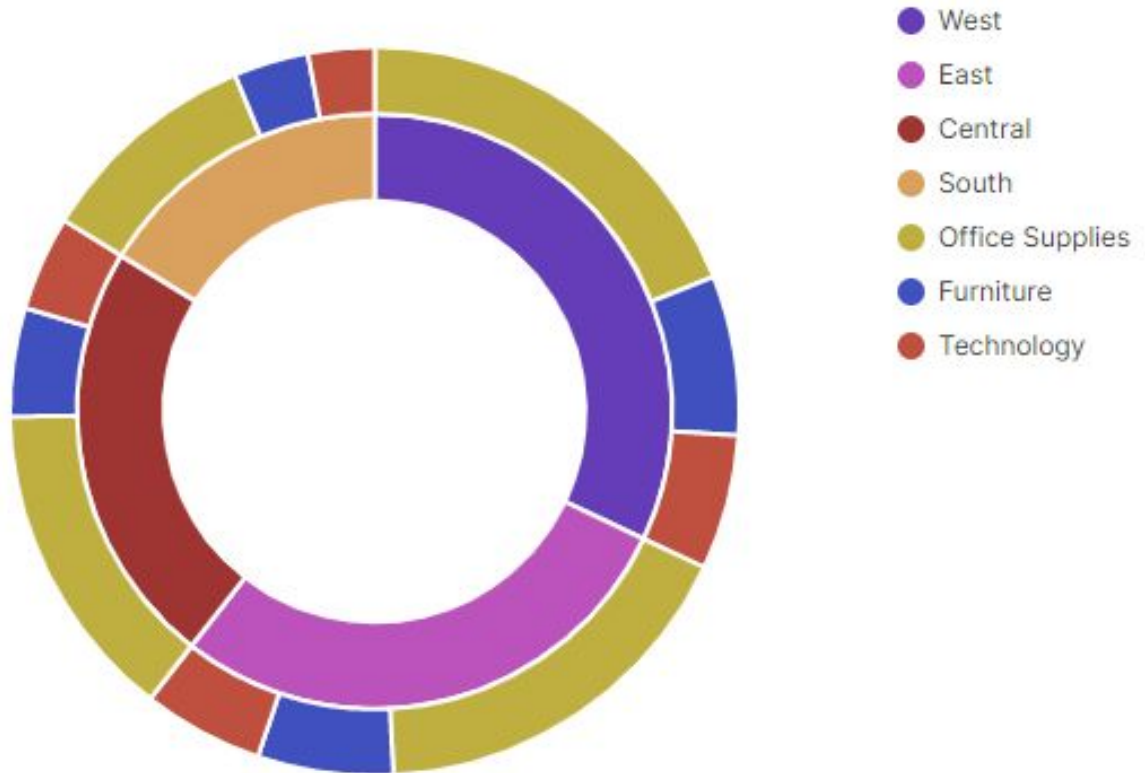


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something may unexpect



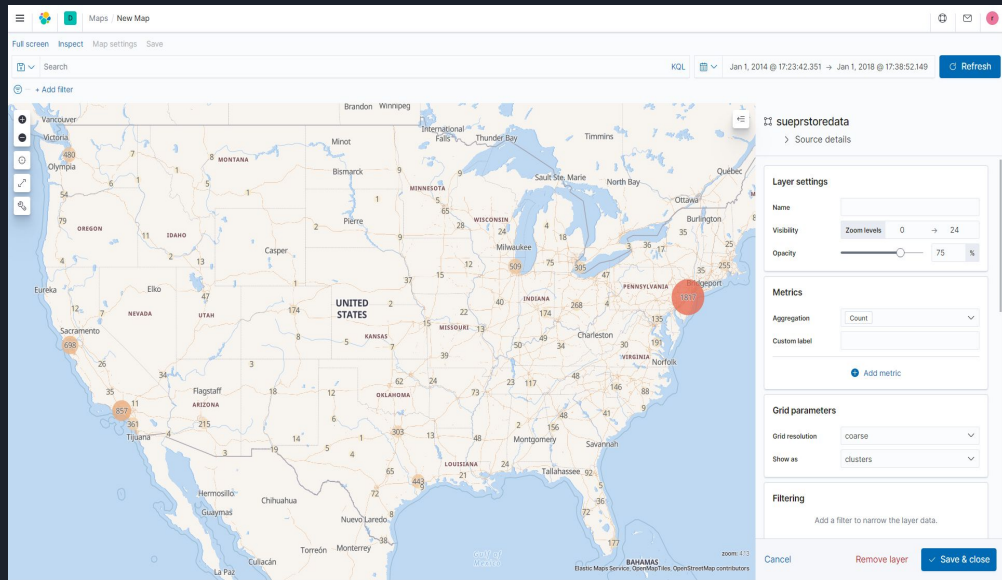
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Tempo-Spatial Map

- Broad overview of total sales subsets
- Location of major markets





1. Presentation Slide Format: 20%

a. Font Size (at least 24 font size): 6%

b. Data Size (should be at least 150MB; or need permission to get full credit): 5%

c. Data Source: 4%

d. H/W experimental Specifications: 5% (process)