#### DASHBOARD 1

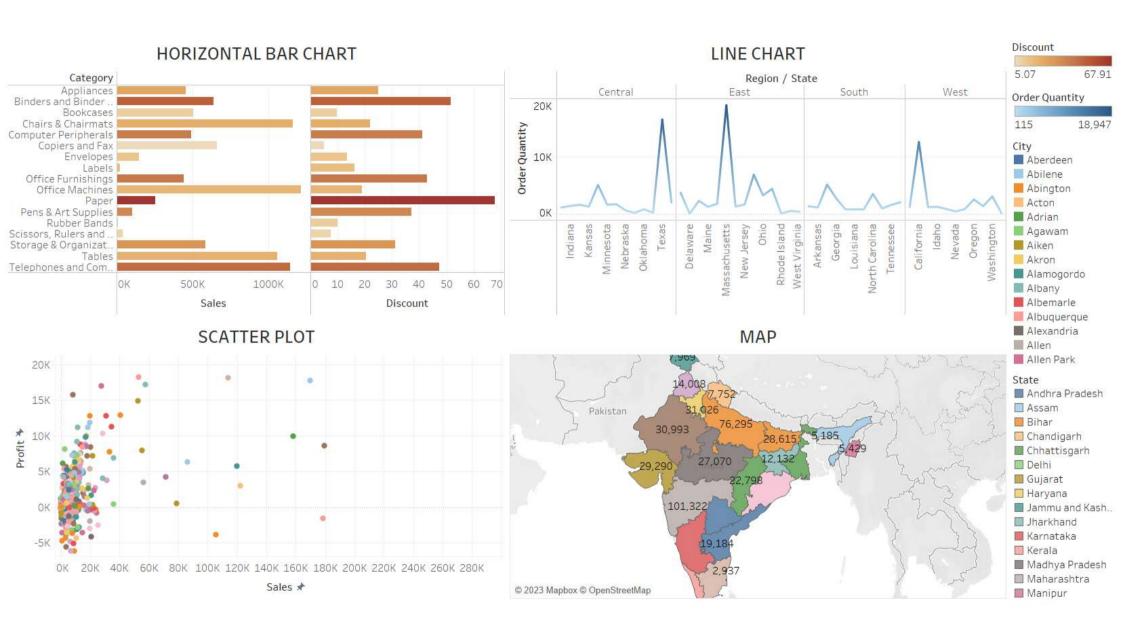
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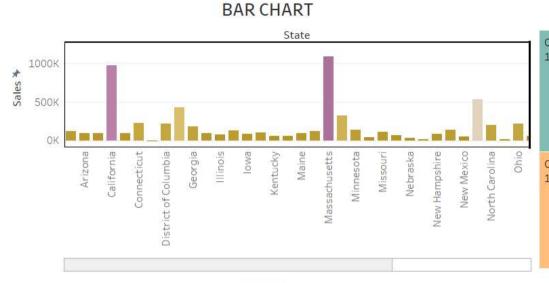
#### DASHBOARD 2

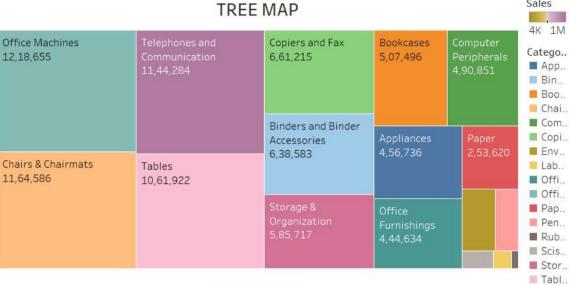
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#### **STORY**

https://public.tableau.com/views/STORYASSIGNMENT3/Assignment3STORY?:language=en-US&publish=yes&:display count=n&:origin=viz share link





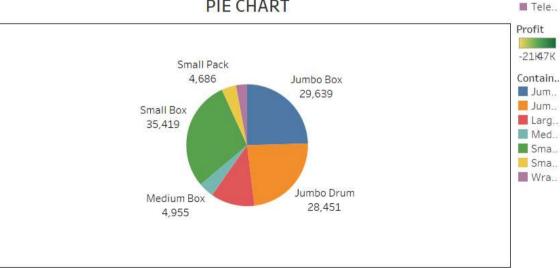


Sales

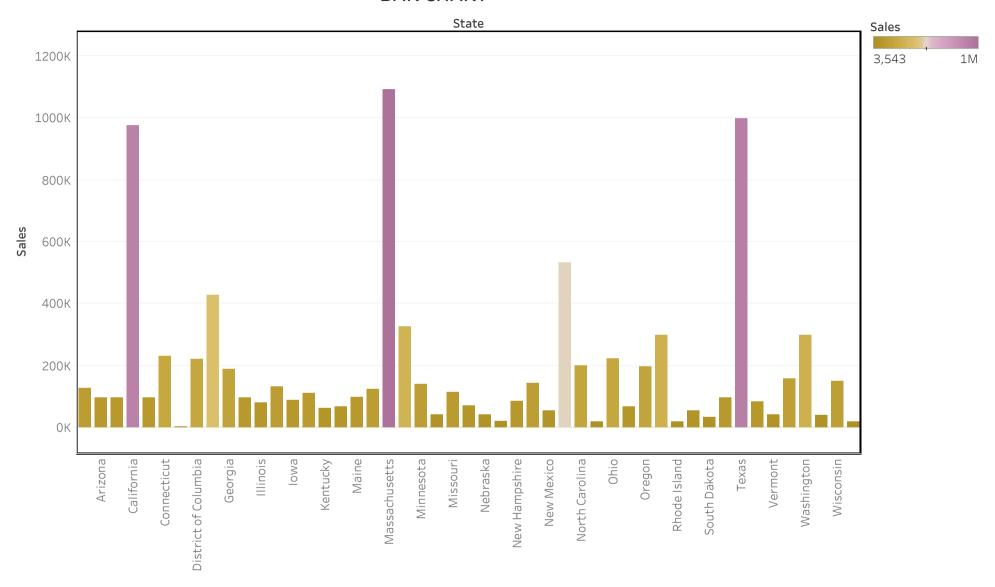
#### **HEAT MAP**

State	Category													
	Appliances	Binders a	Bookcases	Chairs &	Compute	Copiers a	Envelopes	Labels	Off					
Alabama	2,302	5,174	3,877	-667	1,987	-68	93	74						
Arizona	-818	-301	-600		1,302	4,771	87	122						
Arkansas	348	586	514	-2,264	3,972	-10	-2	757						
California	4,899	17,451	-6,609	21,406	4,498	4,747	4,178	546						
Colorado	1,495	-579	347	3,742	-105	-780	679	60						
Connecti	3,721	24,615	2,473	11,009	2,728	-1,011	726	426						
Delaware	-25	218	1.	458	-304		238							
District o	-694	14,205	7	1,485	-648	6,279	3,364	64						
Florida	16,426	1,501	5,199	2,065	11,036	1,401	921	-50						
Georgia	-91	-1,215	475	8,400	4,631	84	-163	5,371						
Idaho	-15	8,815	-2,045	2,178	3,265	2,330	1,103	34						
Illinois	-1,662	-460	-1,186	7,750	-83		2,312	64						
Indiana	382	5,018	2,220	5,085	2,082	-4,104	493	62						
lowa	2,516	108	-141	-1,331	712	76	1,371	156						

### PIE CHART

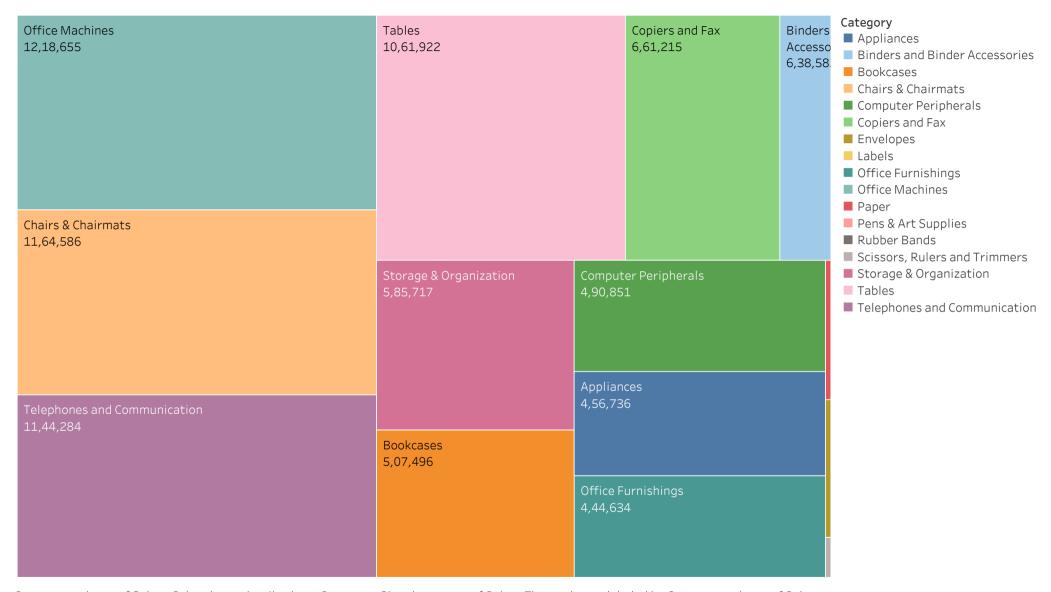


# **BAR CHART**



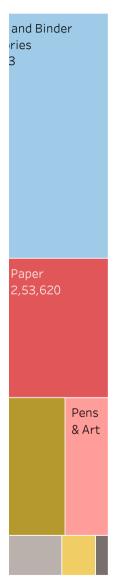
Sum of Sales for each State. Color shows sum of Sales.

#### TREE MAP



Category and sum of Sales. Color shows details about Category. Size shows sum of Sales. The marks are labeled by Category and sum of Sales.

#### TREE MAP



Category

Appliances

■ Binders and Binder Accessories

Bookcases

Chairs & Chairmats

■ Computer Peripherals

■ Copiers and Fax

Envelopes

Labels

Office Furnishings

Office Machines

Paper

Pens & Art Supplies

■ Rubber Bands

■ Scissors, Rulers and Trimmers

■ Storage & Organization

Tables

■ Telephones and Communication

Category and sum of Sales. Color shows details about Category. Size shows sum of Sales. The marks are labeled by Category and sum of Sales.

#### **HEAT MAP**

Category Appliances Binders a., Bookcases Chairs & ., Compute., Copiers a., Envelopes Labels Office Fur., Office Ma. Pens & Ar., Rubber B., Scissors, .. Storage &. Tables Telephon. State Paper Alabama 2 302 5.174 3.877 -667 1.987 -68 93 74 316 -237 -492 1 002 -198 128 -377 -490 -1,6451.302 87 122 4.867 14,063 -15 -818 -301 4,771 1.506 -3,507 1,386 7,378 Arizona -600 -33 Arkansas 348 586 514 -2,264 3.972 -10 -2 757 4.813 172 -1.307 -2.693 506 1.553 789 -281 4.899 -6,609 4.498 4.747 4,178 -13,721 514 -2,249 California 21.406 546 102 459 108 1.353 Colorado 1.495 -579 347 3.742 -105 -780 679 60 2.241 -3,680 -221 -92 -27 -32 -550 9.118 8.077 3.721 2.473 11.009 2.728 -1.011 726 426 4.502 5.724 -1.565 1.101 127 895 3.847 11.446 Connecti. -6,691 -25 458 -304 238 -34 -27 Delaware 218 -262 -207 District o -694 14.205 1,485 -648 6,279 3,364 64 3,484 -81 -411 125 31 -5 -2,176 -243 734 2.698 1.501 5.199 2.065 11.036 1.401 921 -50 3.127 1.418 -3.826 -5.629 2.221 -3.914 -9.184 Florida -91 -1.215 475 8,400 4.631 84 -163 5.371 -3,807 4,402 5.891 174 -753 -141 60 -6.120 1.304 Georgia -15 8,815 -2,045 2,178 3,265 2,330 1,103 34 -559 -6,802 -75 -19 -29 730 725 5,666 Idaho 357 Illinois -1.662 -460 -1.186 7.750 -83 2.312 64 -321 7.621 522 16 10 1.099 1.096 4.982 382 5,018 2,220 5,085 2,082 -4,104 493 62 2,542 757 526 -100 -348 787 1,422 8,066 Indiana Iowa 2.516 108 -141 -1.331 712 76 1.371 156 2.178 2.144 710 348 -54 34 4.293 -2.165 6.118 204 1.857 -1,546 3.779 -30 1.550 478 81 703 1.126 527 185 11 -240 1.548 62 4,709 Kansas 5 642 -2.197 -717 158 232 -321 2.935 249 15 342 879 366 1 031 446 -597 -337 Kentucky 346 -239 907 -1.653 64 -254 952 -94 90 -662 Louisiana 1.081 -95 -196 192 1.116 -396 -217 909 1.199 4.053 -181 580 7.024 49 101 289 1.032 1.072 105 48 -86 520 -3.028 2.823 Maine 1.212 -2.849 101 -682 -13 Maryland 2.826 1.149 -624 190 2.214 323 234 674 -5.5292,890 17.281 4,450 8.306 4.154 12.319 -479 2.800 8,420 -4.290 1.437 3,066 1.548 103 -470 3.398 -8.257 46.829 Massach 5,263 7,563 -1,913 4,961 6,621 5,209 3,341 14.186 38 -47 742 -5,492 11,220 Michigan 788 189 52 323 Minneso. 3.069 1.834 -504 -4,307 1.763 4.572 859 190 1.807 1.820 -120 -51 131 -1.958 -1.658 5.992 189 -21,174 1,135 -2,405 -260 224 735 -26 4,866 -198 516 67 95 -507 -1,304 Mississi. 9.834 2.827 -2,488 -1 -287 235 418 87 1.495 10.115 -581 839 -42 -204 1.193 -3.959 5.147 Missouri Montana 1.281 802 726 -909 658 1,313 79 1,018 -2,981 82 164 -24 73 -84 1.669 2,463 4.945 745 -1.510 1.652 229 197 21 1.175 184 357 -2 532 -365 2.089 Nebraska 9 394 227 314 1.248 Nevada 95 -106 3.406 147 304 552 24 28 -1.681 -144 3,440 137 645 6.396 2.059 2,328 105 -119 3.264 1.723 5.141 New Ha. -2.214 141 -30 -1 New Jers 3.865 3.868 -3,022 -2.885 1.209 4.929 200 148 201 11.015 479 48 -86 1.085 -1.485 5.162 35 -47 New Mex 5.411 188 -866 7,886 243 5,217 368 249 158 3,218 81 -30 71 -1,151 2,483 32,169 5,476 -24 15.269 5.518 2.878 5.947 6.769 18.196 229 441 3.028 489 -159 -4.604 -5.136 New York North Ca. 397 -1,333 -4,691 -104 -1,828 -182 10,261 1,021 5,843 6.120 77 -1,509 4.256 -63 -10.7931.585 444 2.170 -147 22 -250 75 2.267 665 1.738 North Da 274 10 3,504 1,691 139 2,505 626 555 -52 5,842 -8,582 11,992 Ohio -1,209 2,351 -2,492 -48 1.348 738 430 7,691 -31 -34 3.915 6.738 -114 45 -445 1.430 Oklahoma 4,475 -705 1,042 3,773 -2,005 11,296 211 561 -815 24.446 -776 -1,024 -1,695 -3,547 Oregon 675 4,391 1,185 -15 1.615 8,036 -3,408 10.015 1.853 -393 3,753 287 -76 7.180 1.066 -80 -58 -187 -45 -8,185 5,836 Pennsylv Rhode Isl 175 -893 341 365 4,407 279 29 30 1,891 South Ca. 296 -199 -320 1.716 2,483 217 -462 3.285 -1,088 -283 -1,688 -851 -1.137 -133 499 -522 -1.153 1,700 10,221 1,541 South Da -286 482 -33 800 34 36 298 94 11 -49 3,054 267 2.074 -1.041 1.183 186 -688 -4.546 -2.547 -2.532 -1.533 1.301 1.484 -321 Tenness. -322 335 -485 281 26.846 -8,013 11.390 20.420 3,228 2.022 6.466 27,279 3,130 -1.229 41 -3,253 -5.487 1.162 47,188 Texas 16 Utah 2.885 -1.333 -1.098 4.389 3.881 -30 -42 1.455 -1.198 3.530 -98 3.572 287 226 1.608 387 -204 794 -3,951 2,215 2,453 640 245 -1,460 -234 1,860 Vermont 10 1,383 979 3,263 -634 5,876 8.008 4.264 1.925 3.924 -1.855 -40 2.634 297 4.685 Virginia 531 157 124 1.066 1.253 378

Sum of Profit broken down by Category vs. State. Color shows sum of Profit. The marks are labeled by sum of Profit.

Profit

-21,174 47,188

### **HEAT MAP**

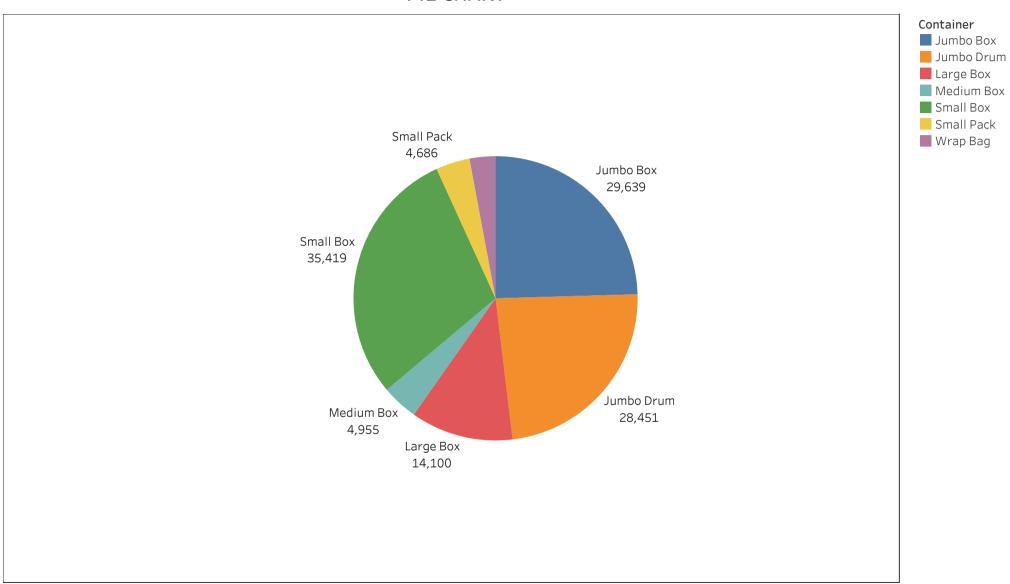
									Category								
State	Appliances	Binders a	Bookcases	Chairs &	Compute	Copiers a	Envelopes	Labels	Office Fur	Office Ma	Paper	Pens & Ar	Rubber B	Scissors,	Storage &	Tables	Telephon
Washing	315	5,914	831	2,985	470	11,997	3,477	175	946	-18,110	1,195	462	16	-49	958	-2,764	6,247
West Vir	-463	-17		5,079	-105	-708	138	21	-52	179	405	171			388	-2,165	1,123
Wisconsin	1,057	7,207	342	8,242	992	15,806	829	102	1,662	-2,242	2,059	-101	96	-56	-2,292	-5,360	12,439
Wyoming		183	-137	-767	426		113	1	888	4,692	-122	0				-1,033	2,267

Profit

-21,174 47,188

Sum of Profit broken down by Category vs. State. Color shows sum of Profit. The marks are labeled by sum of Profit.

### PIE CHART



Container and sum of Shipping Cost. Color shows details about Container. The marks are labeled by Container and sum of Shipping Cost.

### PIE CHART

Container

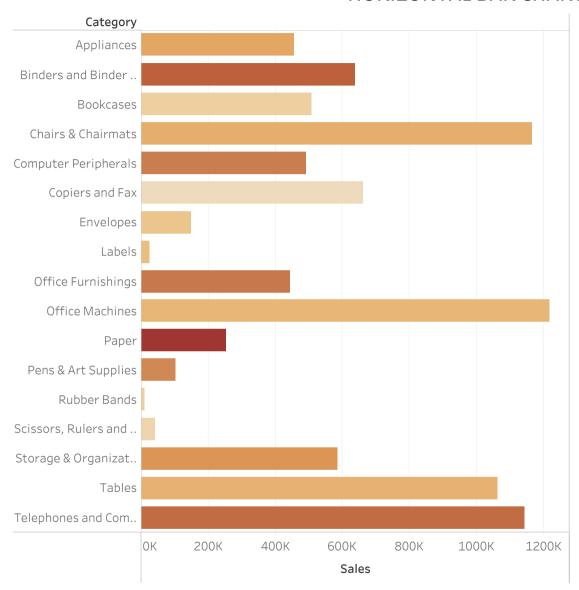
Jumbo Box
Jumbo Drum

Large Box
Medium Box
Small Box
Small Pack
Wrap Bag



Container and sum of Shipping Cost. Color shows details about Container. The marks are labeled by Container and sum of Shipping Cost.

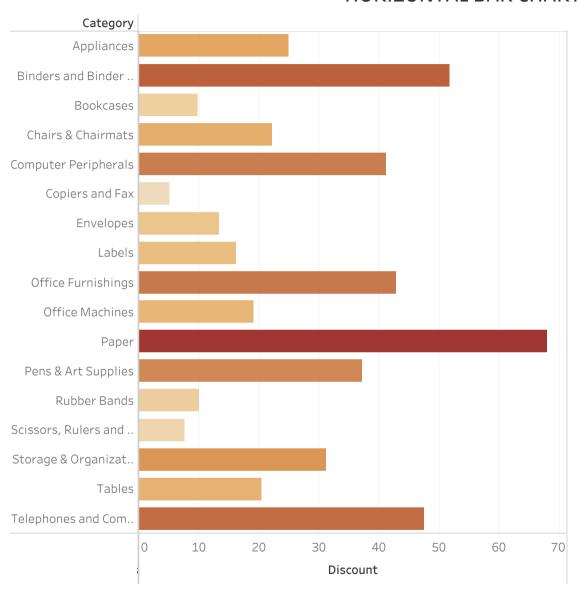
### HORIZONTAL BAR CHART



Sum of Sales and sum of Discount for each Category. Color shows sum of Discount.

Discount	
5.07	67.91

### HORIZONTAL BAR CHART

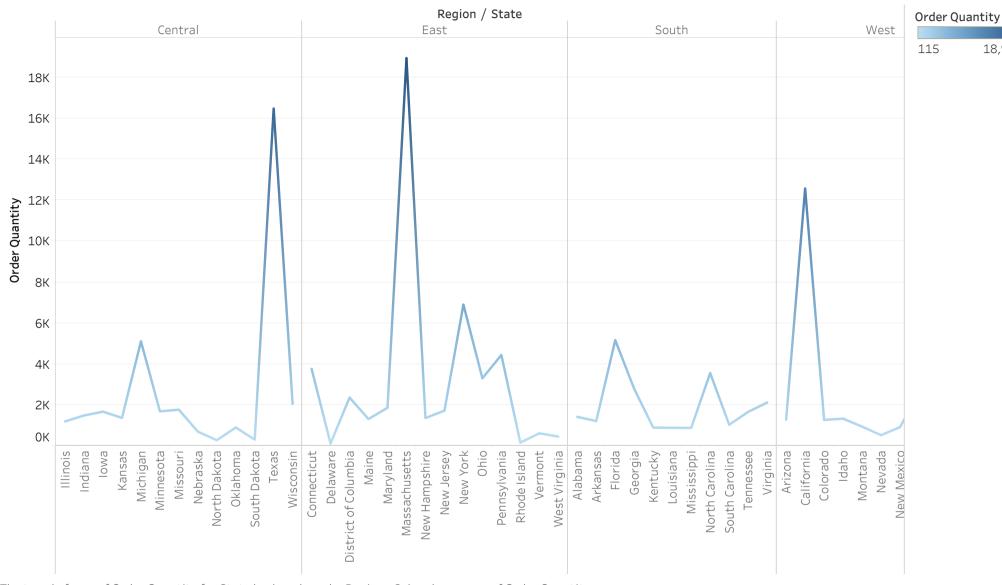


Sum of Sales and sum of Discount for each Category. Color shows sum of Discount.

Discount	
5.07	67.9

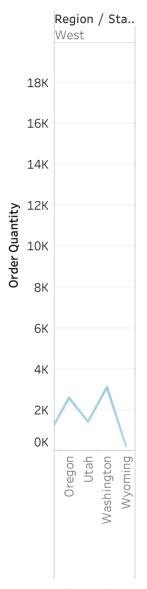
### **LINE CHART**

18,947



The trend of sum of Order Quantity for State broken down by Region. Color shows sum of Order Quantity.

# LINE CHART

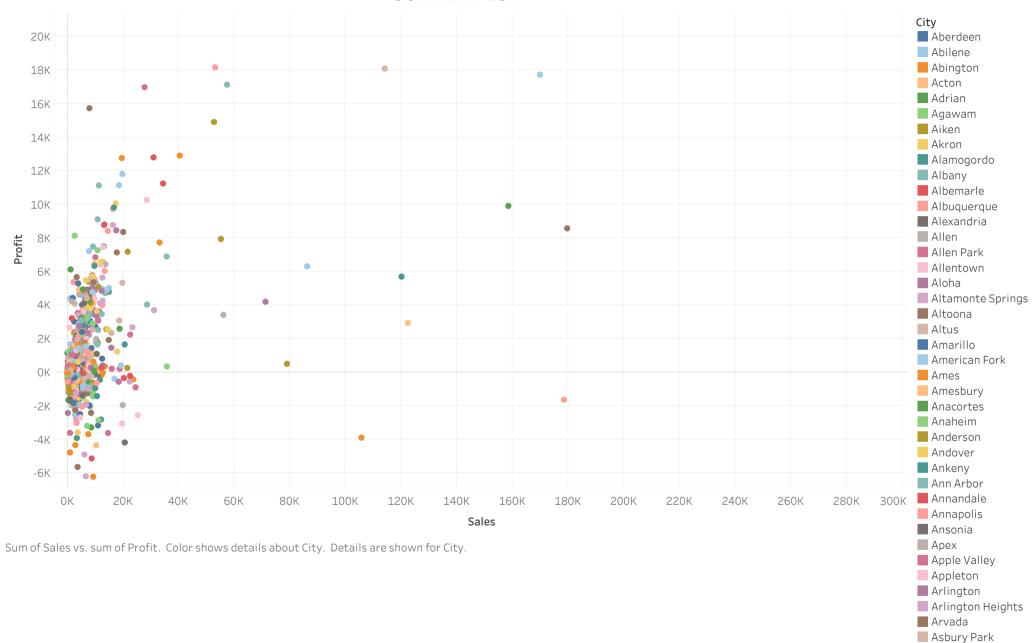


Order Quantity

115 18,947

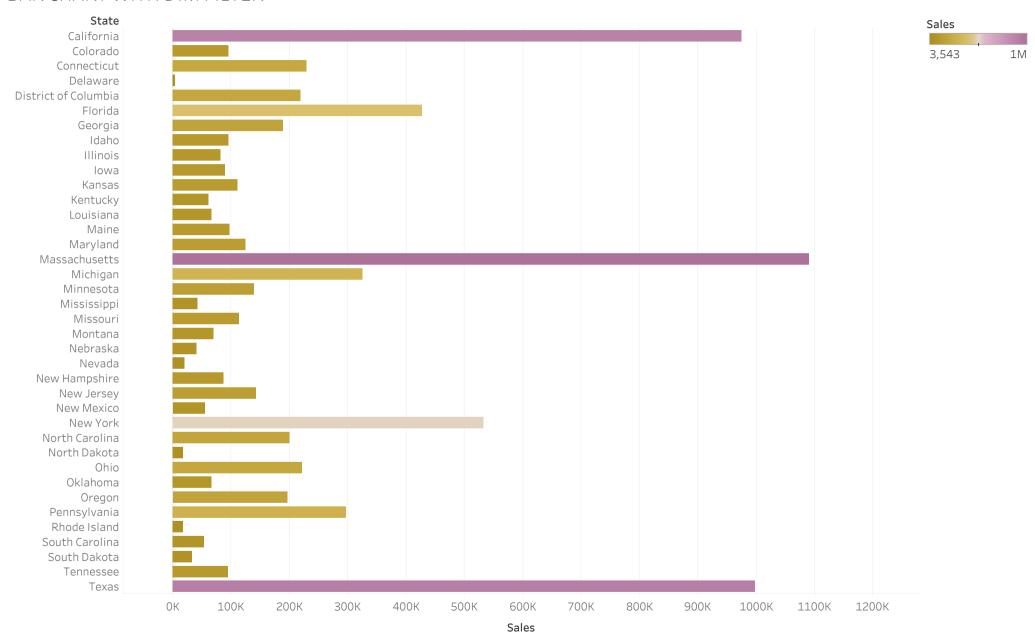
The trend of sum of Order Quantity for State broken down by Region. Color shows sum of Order Quantity.





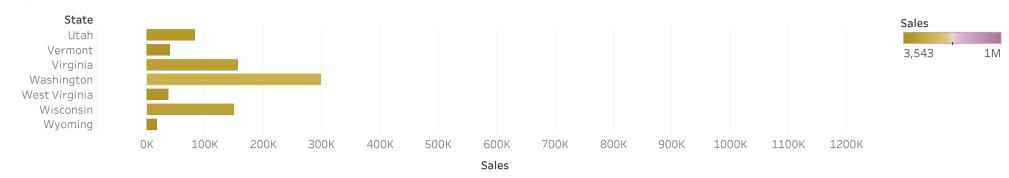
Asheboro
Asheville

#### BAR CHART WITH DIM FILTER



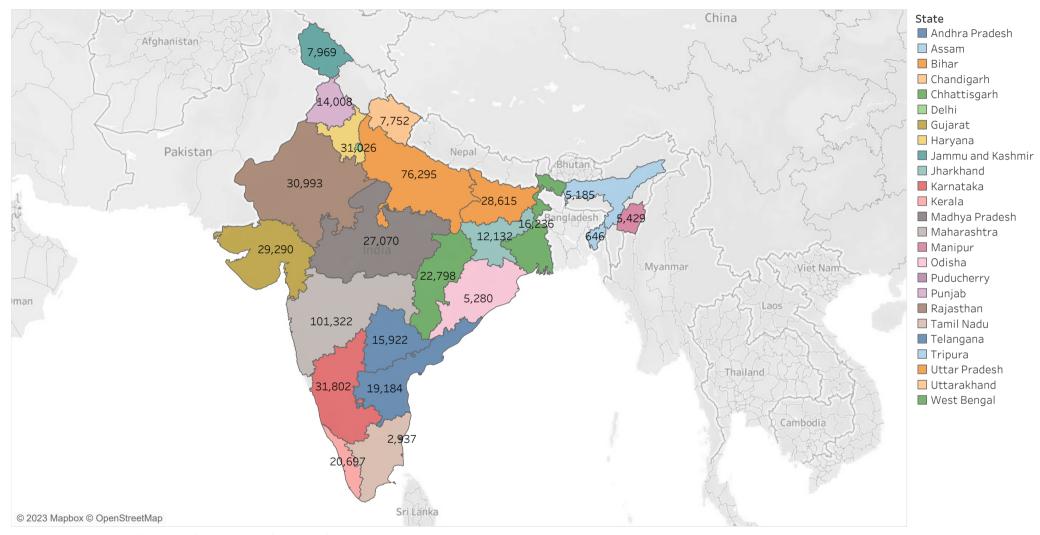
Sum of Sales for each State. Color shows sum of Sales. The context is filtered on State, which excludes Alabama, Arizona, Arkansas and Indiana.

### BAR CHART WITH DIM FILTER



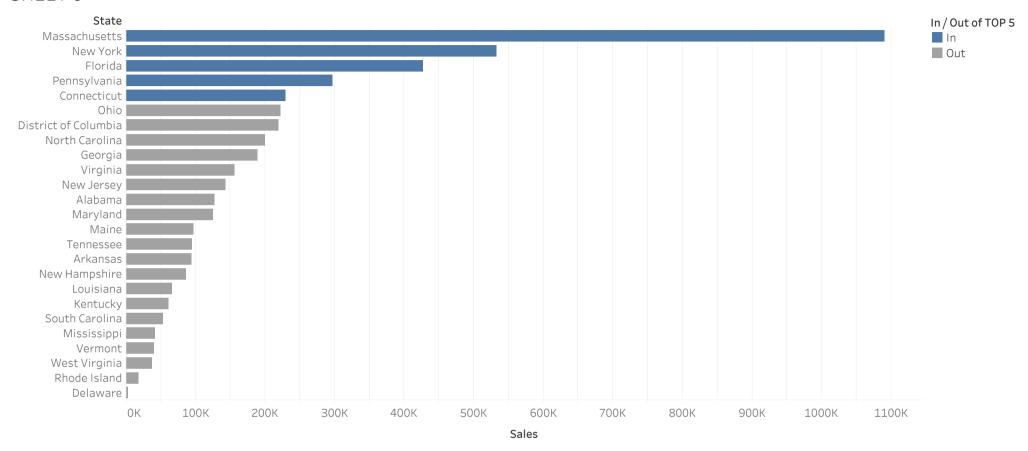
Sum of Sales for each State. Color shows sum of Sales. The context is filtered on State, which excludes Alabama, Arizona, Arkansas and Indiana.

#### MAP



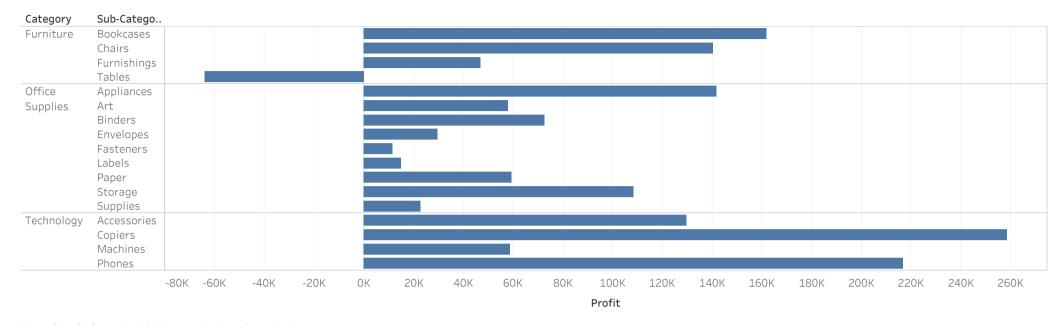
Map based on Longitude (generated) and Latitude (generated). Color shows details about State. The marks are labeled by sum of Sales. The data is filtered on Country, which keeps India.

### SHEET 6



Sum of Sales for each State. Color shows details about In / Out of TOP 5. The context is filtered on Region, which keeps East and South.

### HIERARCHY



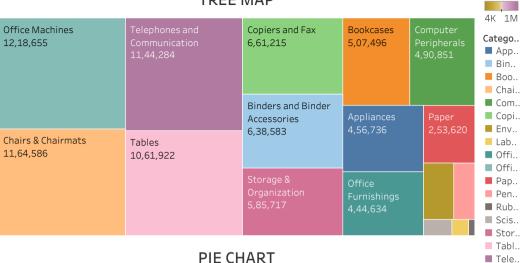
Sum of Profit for each Sub-Category broken down by Category.

# GROUP

Category	GROUP STATIONARY	
Appliances	Appliances	Abc
Binders and Binder	Binders and Binder	Abc
Bookcases	Bookcases	Abc
Chairs & Chairmats	Chairs & Chairmats	Abc
Computer Peripherals	Computer Peripherals	Abc
Copiers and Fax	Copiers and Fax	Abc
Envelopes	Envelopes	Abc
Labels	Labels	Abc
Office Furnishings	Office Furnishings	Abc
Office Machines	Office Machines	Abc
Paper	Paper	Abc
Pens & Art Supplies	Pens & Art Supplies	Abc
Rubber Bands	Rubber Bands	Abc
Scissors, Rulers and	Scissors, Rulers and	Abc
Storage & Organizat	Storage & Organizat	Abc
Tables	Tables	Abc
Telephones and Com	Telephones and Com	Abc

The view is broken down by Category and GROUP STATIONARY.

#### **BAR CHART** State 1000K 500K California Georgia Nebraska Illinois lowa Kentucky Maine Missouri Connecticut District of Columbia Massachusetts Minnesota New Hampshire New Mexico North Carolina



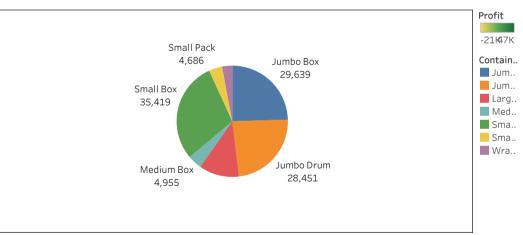
TREE MAP

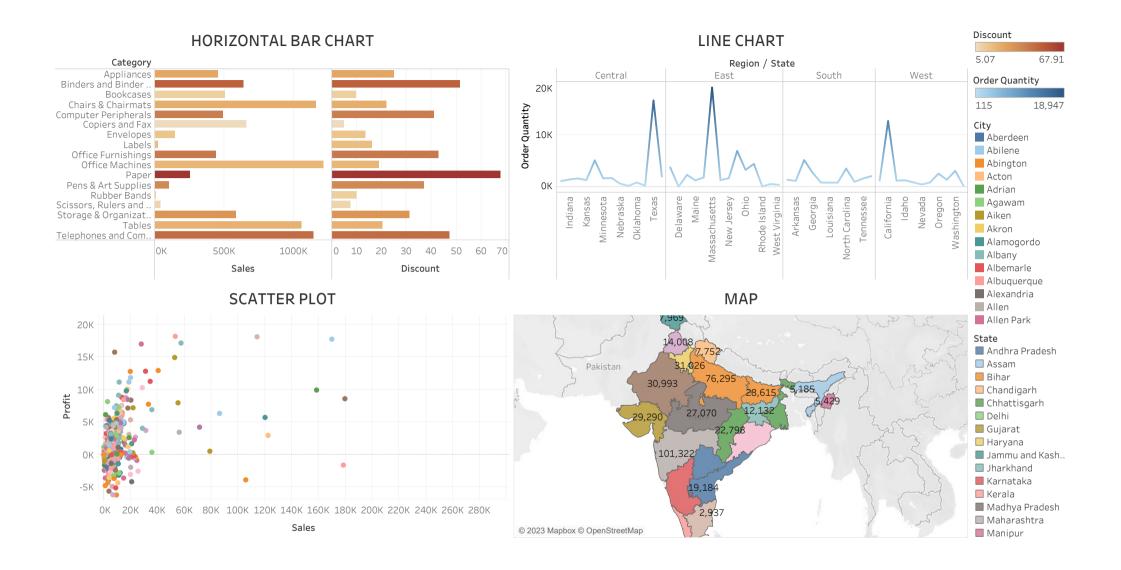
Sales

#### **HEAT MAP**

	Category											
State	Appliances	Binders a	Bookcases	Chairs &	Compute	Copiers a	Envelopes	Labels	Offic			
Alabama	2,302	5,174	3,877	-667	1,987	-68	93	74				
Arizona	-818	-301	-600		1,302	4,771	87	122				
Arkansas	348	586	514	-2,264	3,972	-10	-2	757				
California	4,899	17,451	-6,609	21,406	4,498	4,747	4,178	546	1			
Colorado	1,495	-579	347	3,742	-105	-780	679	60				
Connecti	3,721	24,615	2,473	11,009	2,728	-1,011	726	426				
Delaware	-25	218		458	-304		238					
District o	-694	14,205		1,485	-648	6,279	3,364	64				
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Idaho	-15	8,815	-2,045	2,178	3,265	2,330	1,103	34				
Illinois	-1,662	-460	-1,186	7,750	-83		2,312	64				
Indiana	382	5,018	2,220	5,085	2,082	-4,104	493	62				
Iowa	2,516	108	-141	-1,331	712	76	1,371	156				

#### PIE CHART

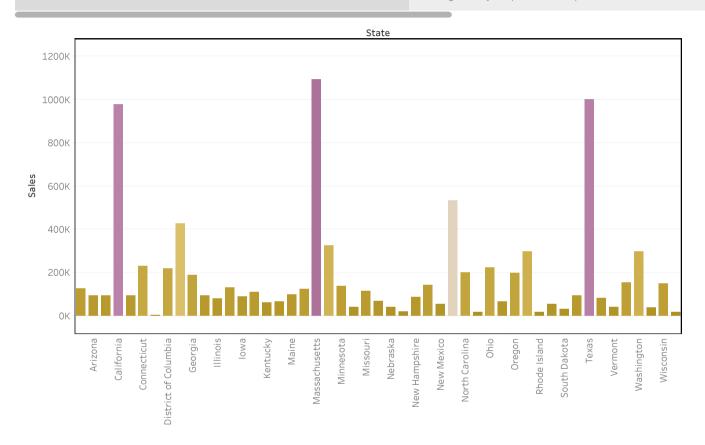




A bar chart typically consists of bars of different lengths or heights that represent data values, and it is usually used to compare or display categorical or numerical data.

A treemap is a data visualization technique that uses nested rectangles to represent hierarchical data. Each rectangle's size represents a specific attribute or value, allowing for easy comparison and exploration of the data's structure.

A pie chart is a circular graphical representation that divides data into slices, where each slice represents a proportion or percentage of the wh..

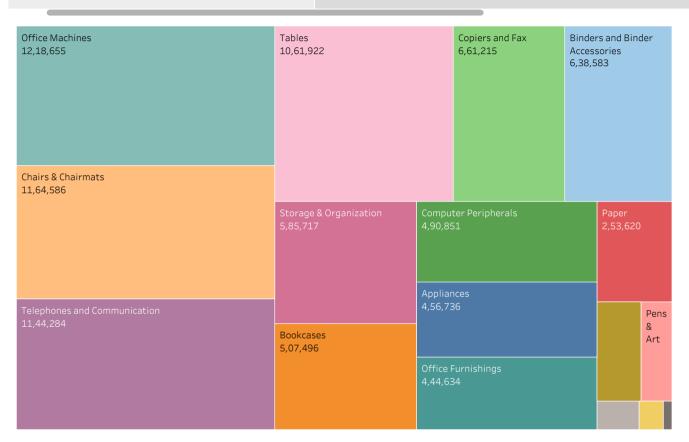




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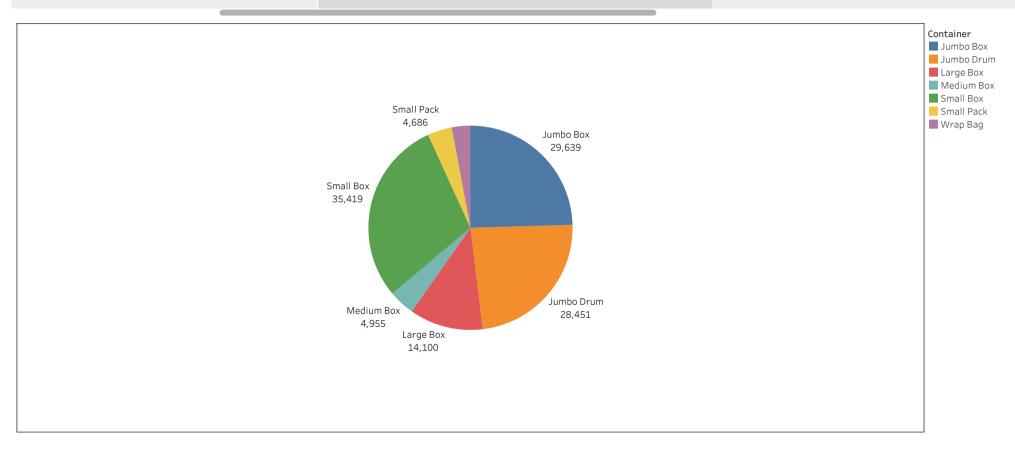
#### Category

- Appliances
- Binders and Bind..
- Bookcases
- Chairs & Chairma..
- Computer Periph..
- Copiers and Fax
- Envelopes
- Labels
- Office Furnishings
- Office Machines
- Paper
- Pens & Art Suppli..
- Rubber Bands
- Scissors, Rulers ..
- Storage & Organi..
- Tables
- Telephones and ..

A treemap is a data visualization technique that uses nested rectangles to represent hierarchical data. Each rectangle's size represents a specific attribute or value, allowing for easy comparis..

A pie chart is a circular graphical representation that divides data into slices, where each slice represents a proportion or percentage of the whole. It is used to visualize the composition or distribution of a categorical data set.

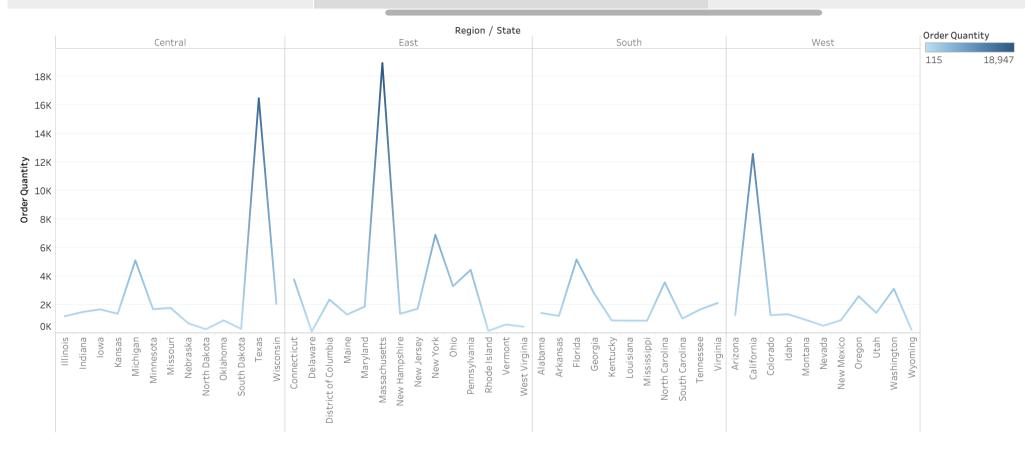
A line chart, also known as a line graph, is a graphical representation that displays data points connected by straight lines. It is commonly used to show trends or changes over time, where the horizontal axis r..



A pie chart is a circular graphical representation that divides data into slices, where each slice represents a proportion or percentage of the whole. It is used to visualize the composition or distribution ..

A line chart, also known as a line graph, is a graphical representation that displays data points connected by straight lines. It is commonly used to show trends or changes over time, where the horizontal axis represents time or an independent variable, and the v..

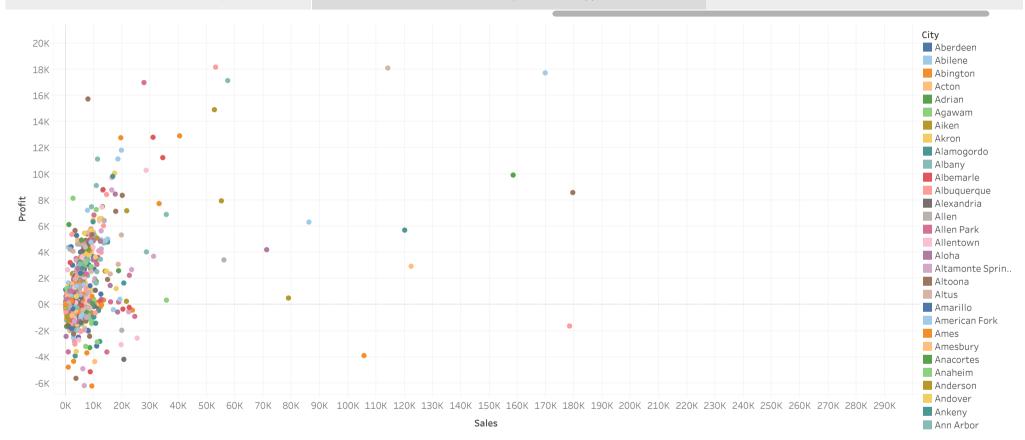
A scatter chart, also known as a scatter plot, is a graphical representation that displays individual data points as dots on a Cartesian coordinate system. Each dot represents the values of two v..



A line chart, also known as a line graph, is a graphical representation that displays data points connected by straight lines. It is commonly used to show trends or changes over time, wh.. A scatter chart, also known as a scatter plot, is a graphical representation that displays

In Tableau, a map is a visual element that allows you to represent data individual data points as dots on a Cartesian coordinate system. Each dot represents the values of two variables, one plotted along the horizontal (x) axis and the other plo..

geographically.



A line chart, also known as a line graph, is a connected by straight lines. It is commonly used ..

A scatter chart, also known as a scatter plot, is a graphical representation that displays

In Tableau, a map is a visual element that allows you to represent data geographically. graphical representation that displays data points individual data points as dots on a Cartesian coordinate system. Each dot represents the values of two variables, one plotted along the horizontal (x) axis and the other plo..

