

A Highlight Table and a Heatmap

Sleeper Chapters 19, 20

How to Create a Highlight Table

Display a Tableau crosstab:

- Columns: Month(Order Date)
- Rows: Sub-Category
- Text: Sum(Sales)

Color the numbers by cell:

- Color Marks Card: Sum(Sales)
- Marks Type: Square

Add white borders:

- Color Marks Card

A Highlight Table

Highlight table

Sub-Catego..	Order Date												Sales
	January	February	March	April	May	June	July	August	Septemb..	October	November	December	
Accessories	\$5,478	\$5,369	\$8,767	\$7,952	\$9,613	\$8,908	\$17,126	\$12,376	\$24,900	\$12,927	\$25,957	\$28,007	<div> <div></div> <div>\$88</div> <div>\$57,429</div> </div>
Appliances	\$3,176	\$4,933	\$6,734	\$6,042	\$7,526	\$7,479	\$3,823	\$13,062	\$10,193	\$9,152	\$18,970	\$16,443	
Art	\$914	\$1,118	\$1,302	\$2,407	\$2,231	\$2,218	\$2,066	\$1,690	\$3,660	\$1,923	\$3,954	\$3,636	
Binders	\$12,214	\$4,237	\$13,889	\$13,365	\$9,159	\$13,287	\$8,557	\$20,430	\$37,344	\$18,077	\$20,858	\$31,997	
Bookcases	\$5,352	\$1,650	\$7,352	\$4,720	\$6,290	\$9,148	\$8,589	\$5,622	\$23,373	\$8,247	\$23,561	\$10,977	
Chairs	\$11,285	\$7,583	\$21,344	\$18,527	\$25,894	\$21,523	\$23,016	\$18,340	\$51,577	\$24,170	\$47,760	\$57,429	
Copiers	\$3,960		\$25,590	\$3,880	\$18,400	\$900	\$9,780	\$5,730	\$10,320	\$37,020	\$15,150	\$18,800	
Envelopes	\$750	\$669	\$1,657	\$945	\$1,096	\$514	\$1,200	\$701	\$2,177	\$1,403	\$2,907	\$2,458	
Fasteners	\$88	\$159	\$150	\$258	\$109	\$116	\$182	\$243	\$406	\$326	\$550	\$438	
Furnishings	\$3,980	\$2,316	\$5,159	\$7,538	\$6,893	\$5,923	\$7,609	\$4,034	\$11,805	\$5,447	\$16,783	\$14,218	
Labels	\$207	\$300	\$940	\$430	\$863	\$1,207	\$1,692	\$876	\$1,496	\$1,248	\$1,850	\$1,376	
Machines	\$7,215	\$8,990	\$35,052	\$18,190	\$11,268	\$12,183	\$4,065	\$6,262	\$26,386	\$10,613	\$33,807	\$15,210	
Paper	\$2,264	\$2,813	\$6,286	\$3,964	\$6,213	\$6,722	\$4,180	\$6,523	\$10,690	\$4,997	\$12,578	\$11,250	
Phones	\$13,469	\$8,984	\$28,443	\$17,609	\$24,362	\$26,314	\$23,883	\$27,658	\$37,775	\$26,472	\$56,221	\$38,817	
Storage	\$9,218	\$6,125	\$14,793	\$15,806	\$14,670	\$18,606	\$12,491	\$17,743	\$29,487	\$17,240	\$37,023	\$30,643	
Supplies	\$4,403	\$289	\$10,637	\$6,216	\$1,154	\$1,267	\$8,816	\$866	\$6,436	\$838	\$1,350	\$4,402	
Tables	\$10,952	\$4,218	\$16,913	\$9,913	\$9,288	\$16,405	\$10,163	\$16,889	\$19,626	\$20,223	\$33,182	\$39,193	

Sum of Sales broken down by Order Date Month vs. Sub-Category. Color shows sum of Sales. The marks are labeled by sum of Sales.

How to Create a Heat Map

Create a grid for your visual:

- Columns: Month(Order Date)
- Rows: Sub-Category

Change the mark type:

- From Automatic to Circle

Add two encodings:

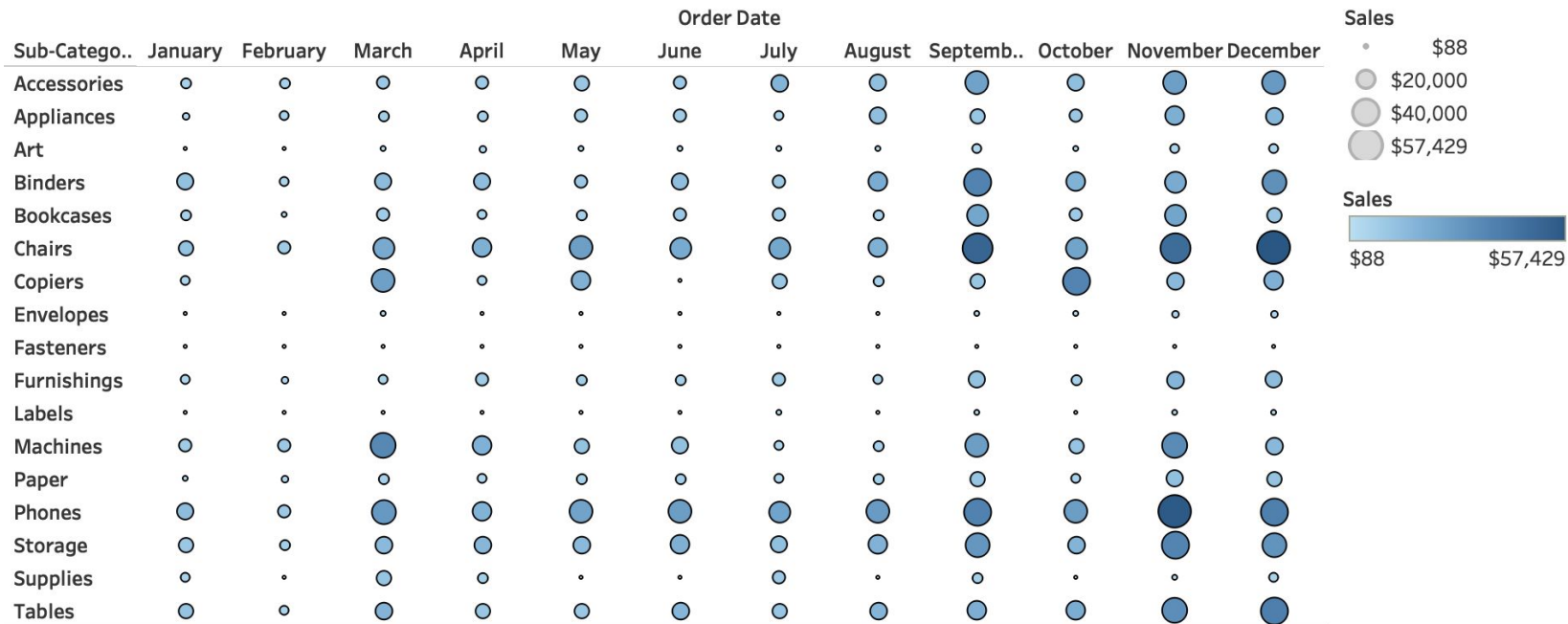
- Size Marks Card: Sum(Sales)
- Color Marks Card: Sum(Sales)

Add black borders:

- Color Marks Card

A Heatmap

Sheet 3



Sum of Sales (color) and sum of Sales (size) broken down by Order Date Month vs. Sub-Category.