SmartBridge Data Analytics Assignment 2

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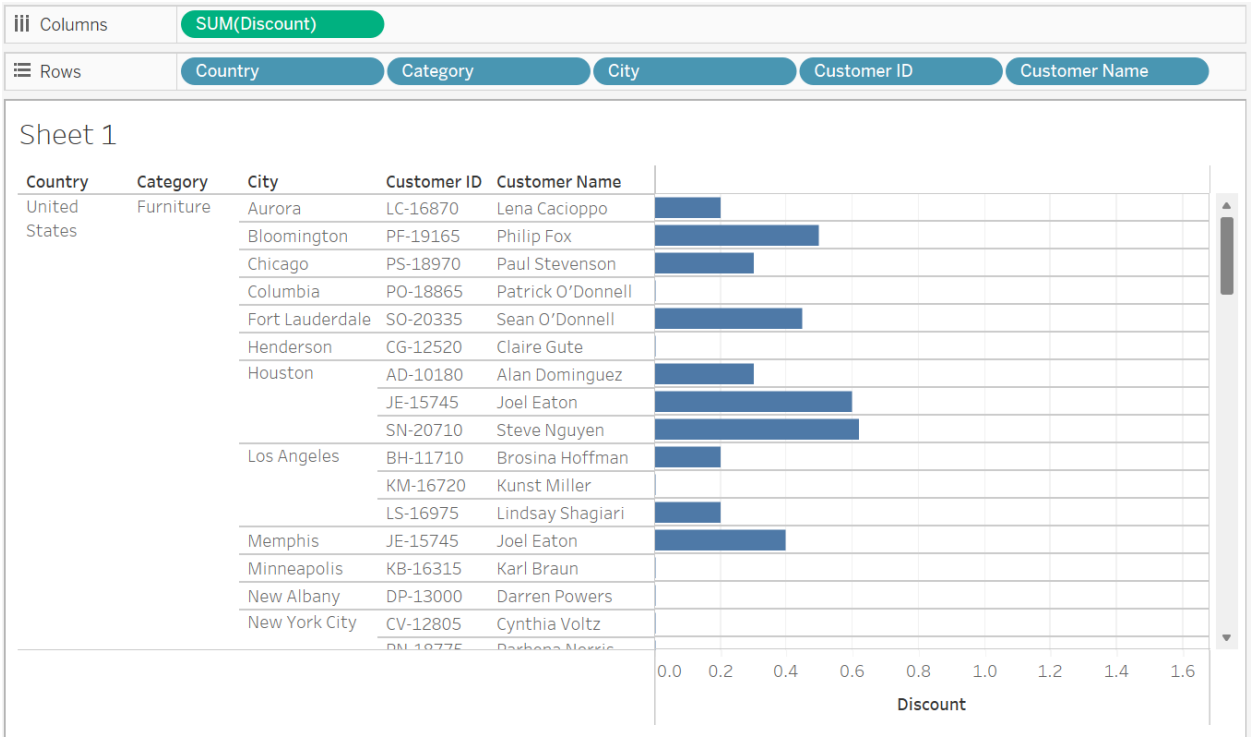
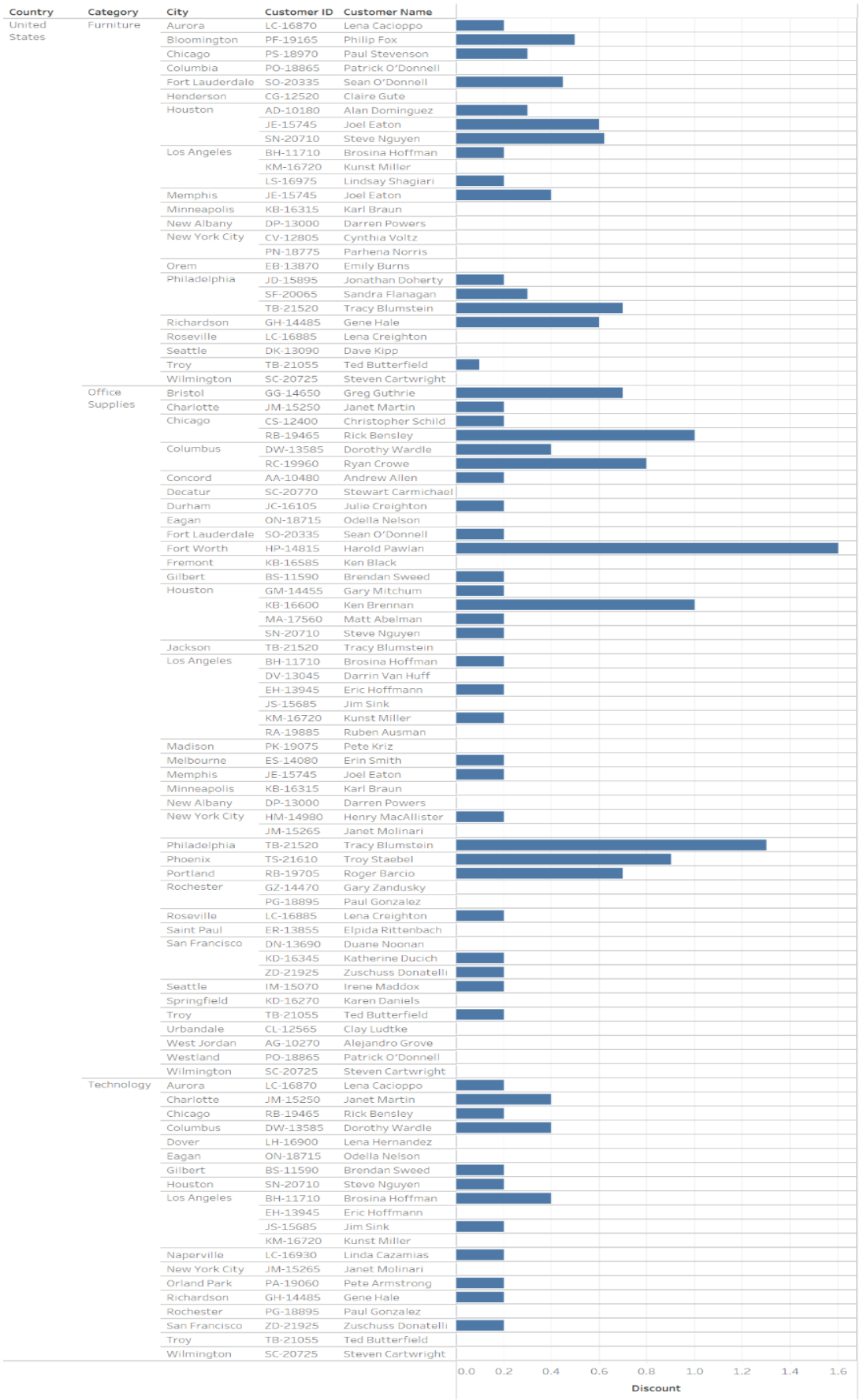
1.7 visualizations

1.HORIZONTAL BAR CHART



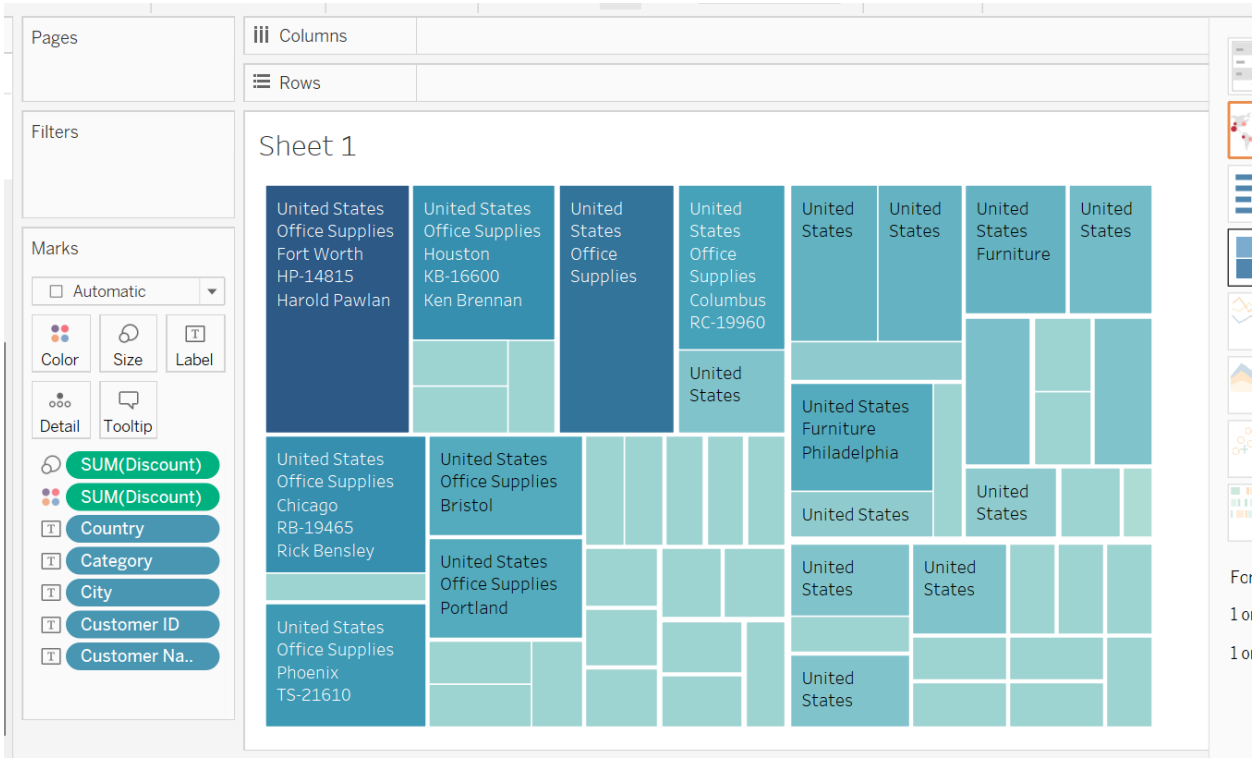
Sheet 1



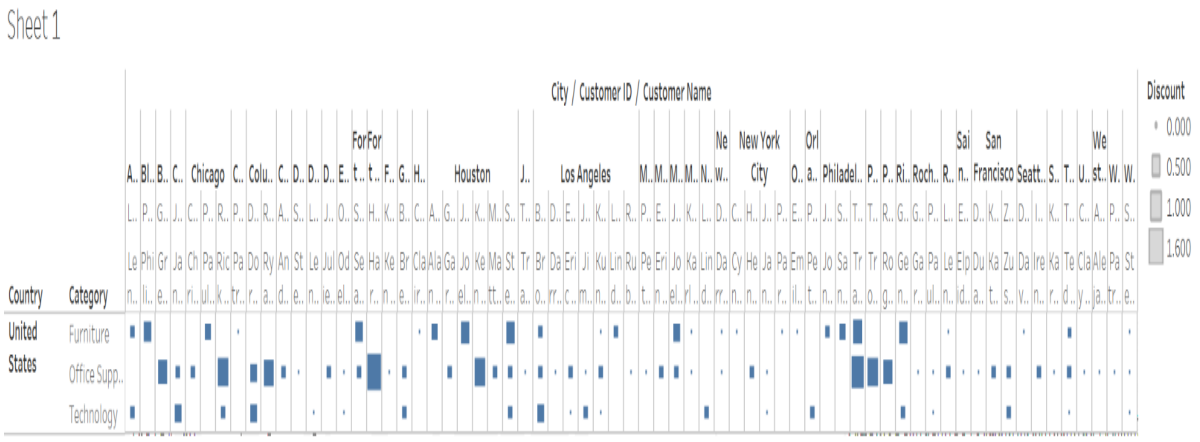
Country	Category	City	Customer ID	Customer Name
United States	Furniture	Aurora	LC-16870	Lena Cacioppo
		Bloomington	PF-19165	Philip Fox
		Chicago	PS-18970	Paul Stevenson
		Columbia	PO-18865	Patrick O'Donnell
		Fort Lauderdale	SO-20335	Sean O'Donnell
		Henderson	CG-12520	Claire Gute
		Houston	AD-10180	Alan Dominguez
			JE-15745	Joel Eaton
			SN-20710	Steve Nguyen
		Los Angeles	BH-11710	Brosina Hoffman
			KM-16720	Kunst Miller
			LS-16975	Lindsay Shagiari
		Memphis	JE-15745	Joel Eaton
		Minneapolis	KB-16315	Karl Braun
		New Albany	DP-13000	Darren Powers
		New York City	CV-12805	Cynthia Voltz
			PN-18775	Parhena Norris
		Orem	EB-13870	Emily Burns
		Philadelphia	JD-15895	Jonathan Doherty
			SF-20065	Sandra Flanagan
			TB-21520	Tracy Blumstein
		Richardson	GH-14485	Gene Hale
		Roseville	LC-16885	Lena Creighton
		Seattle	DK-13090	Dave Kipp
		Troy	TB-21055	Ted Butterfield
		Wilmington	SC-20725	Steven Cartwright
	Office Supplies	Bristol	GG-14650	Greg Guthrie
		Charlotte	JM-15250	Janet Martin
		Chicago	CS-12400	Christopher Schild
			RB-19465	Rick Bensley
		Columbus	DW-13585	Dorothy Wardle
			RC-19960	Ryan Crowe
		Concord	AA-10480	Andrew Allen
		Decatur	SC-20770	Stewart Carmichael
		Durham	JC-16105	Julie Creighton
		Eagan	ON-18715	Odella Nelson
		Fort Lauderdale	SO-20335	Sean O'Donnell
		Fort Worth	HP-14815	Harold Pawlan
		Fremont	KB-16585	Ken Black
		Gilbert	BS-11590	Brendan Sweed
		Houston	GM-14455	Gary Mitchum
			KB-16600	Ken Brennan
			MA-17560	Matt Abelman
			SN-20710	Steve Nguyen
		Jackson	TB-21520	Tracy Blumstein
		Los Angeles	BH-11710	Brosina Hoffman
			DV-13045	Darrin Van Huff
			EH-13945	Eric Hoffmann
			JS-15685	Jim Sink
			KM-16720	Kunst Miller
			RA-19885	Ruben Ausman
		Madison	PK-19075	Pete Kriz
		Melbourne	ES-14080	Erin Smith
		Memphis	JE-15745	Joel Eaton
		Minneapolis	KB-16315	Karl Braun
		New Albany	DP-13000	Darren Powers
		New York City	HM-14980	Henry MacAllister
			JM-15265	Janet Molinari
		Philadelphia	TB-21520	Tracy Blumstein
		Phoenix	TS-21610	Troy Staebel
		Portland	RB-19705	Roger Barcio
		Rochester	GZ-14470	Gary Zandusky
			PG-18895	Paul Gonzalez
		Roseville	LC-16885	Lena Creighton
		Saint Paul	ER-13855	Elpida Rittenbach
		San Francisco	DN-13690	Duane Noonan
			KD-16345	Katherine Ducich
			ZD-21925	Zuschuss Donatelli
		Seattle	IM-15070	Irene Maddox
		Springfield	KD-16270	Karen Daniels
		Troy	TB-21055	Ted Butterfield
		Urbandale	CL-12565	Clay Ludtke
		West Jordan	AG-10270	Alejandro Grove
		Westland	PO-18865	Patrick O'Donnell
		Wilmington	SC-20725	Steven Cartwright
	Technology	Aurora	LC-16870	Lena Cacioppo
		Charlotte	JM-15250	Janet Martin
		Chicago	RB-19465	Rick Bensley
		Columbus	DW-13585	Dorothy Wardle
		Dover	LH-16900	Lena Hernandez
		Eagan	ON-18715	Odella Nelson
		Gilbert	BS-11590	Brendan Sweed
		Houston	SN-20710	Steve Nguyen
		Los Angeles	BH-11710	Brosina Hoffman
			EH-13945	Eric Hoffmann
			JS-15685	Jim Sink
			KM-16720	Kunst Miller
		Naperville	LC-16930	Linda Cazamias
		New York City	JM-15265	Janet Molinari
		Orland Park	PA-19060	Pete Armstrong
		Richardson	GH-14485	Gene Hale
		Rochester	PG-18895	Paul Gonzalez
		San Francisco	ZD-21925	Zuschuss Donatelli
		Troy	TB-21055	Ted Butterfield
		Wilmington	SC-20725	Steven Cartwright

Sum of Discount for each Customer Name broken down by Country, Category, City and Customer ID.

2.Tree map

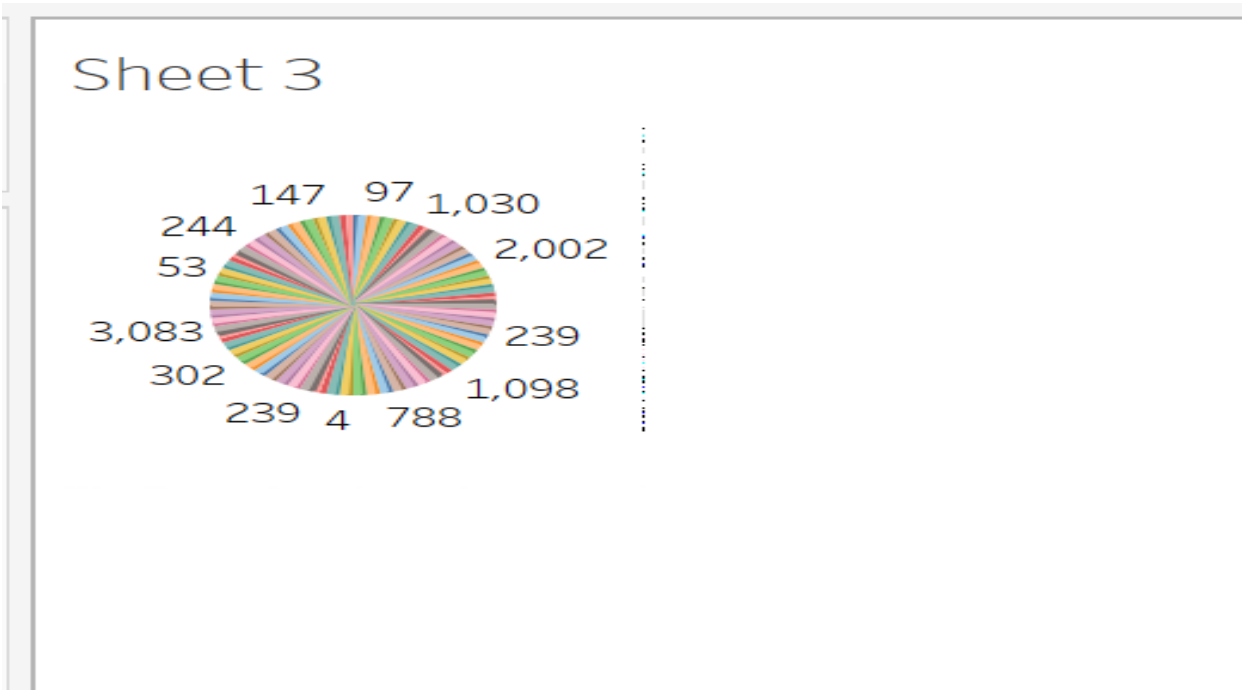


3.Heatmap

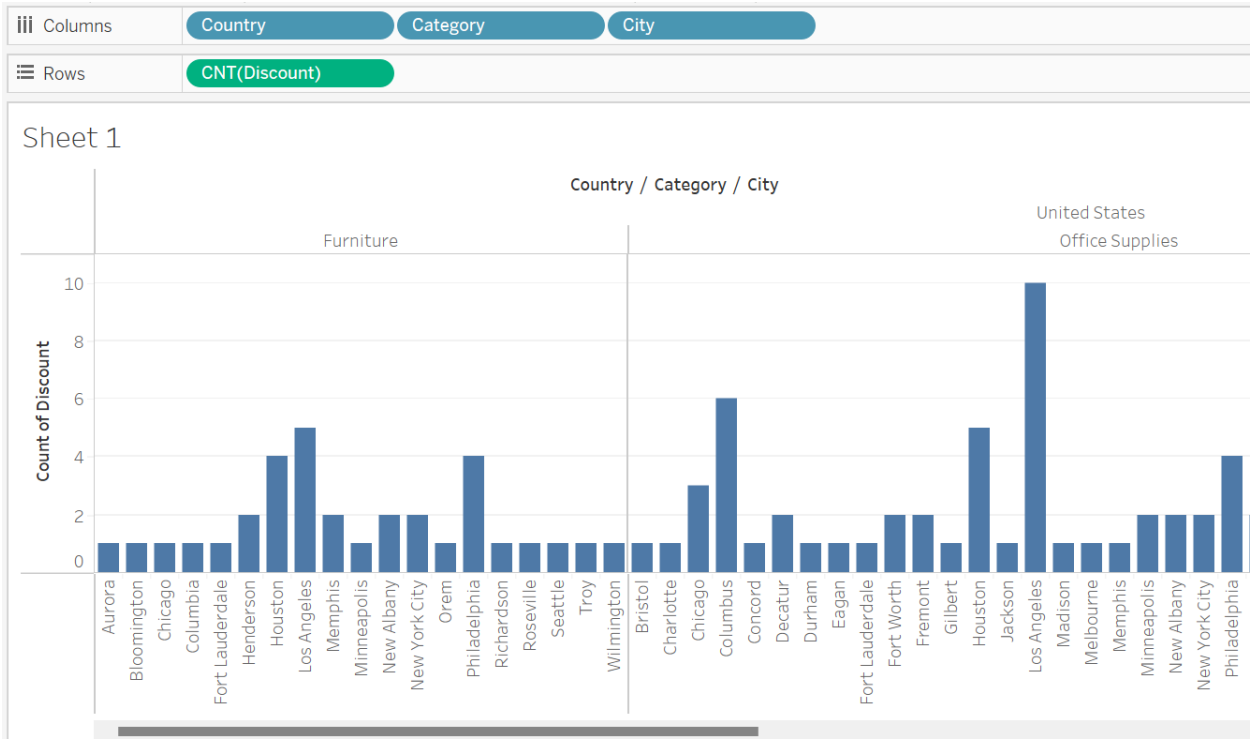


Sum of Discount (size) broken down by City, Customer ID and Customer Name vs. Country and Category.

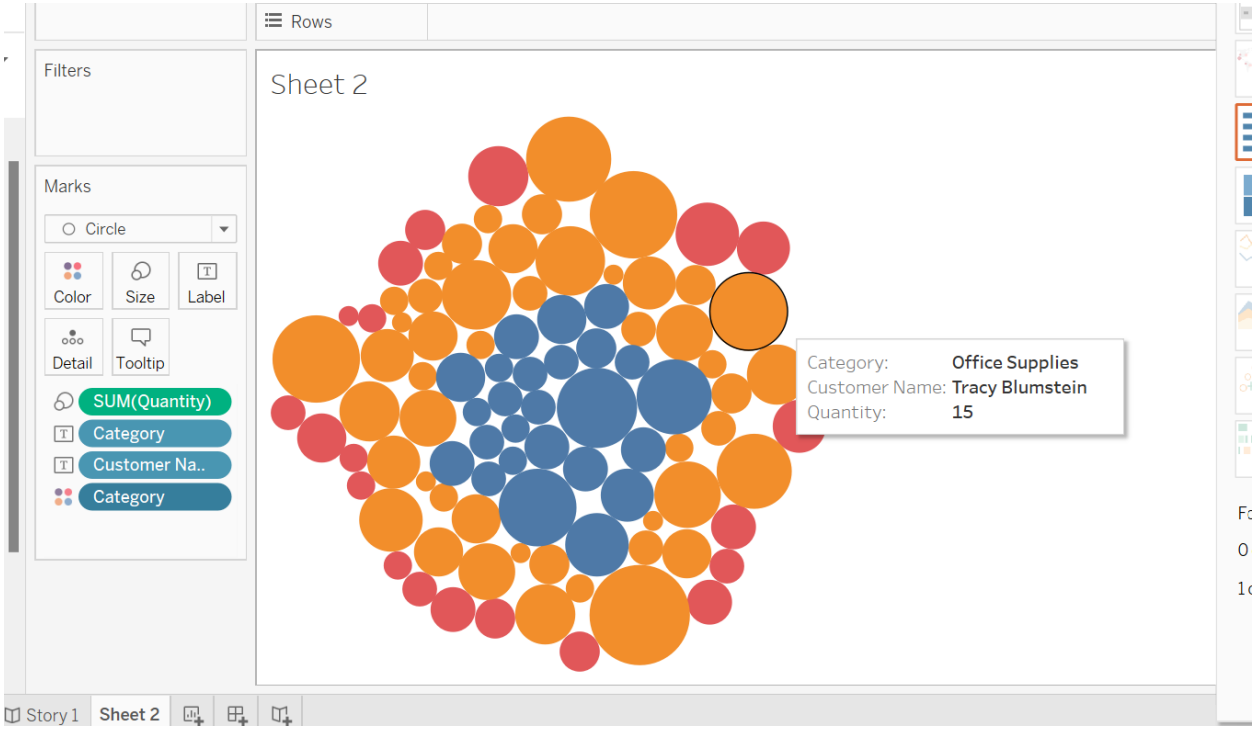
4.Pie Chart



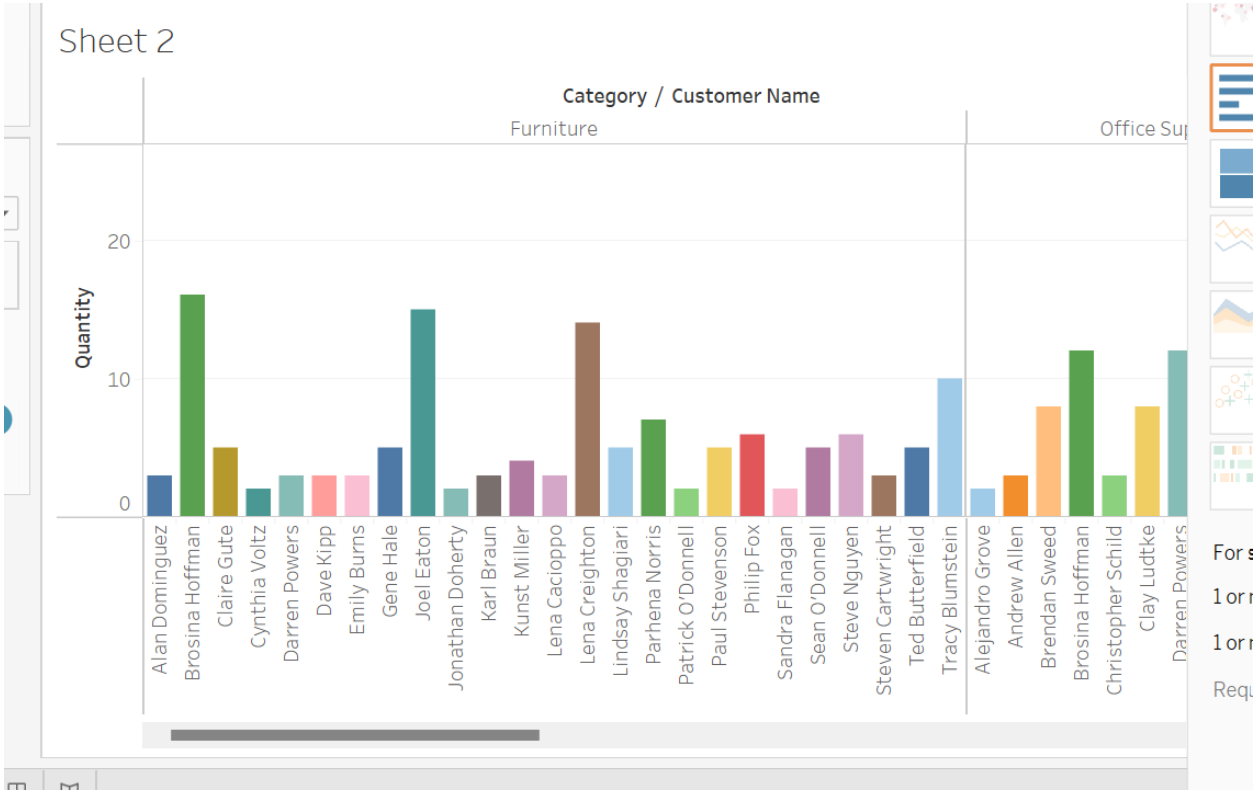
5.BAR CHART



6.Packed Bubbles



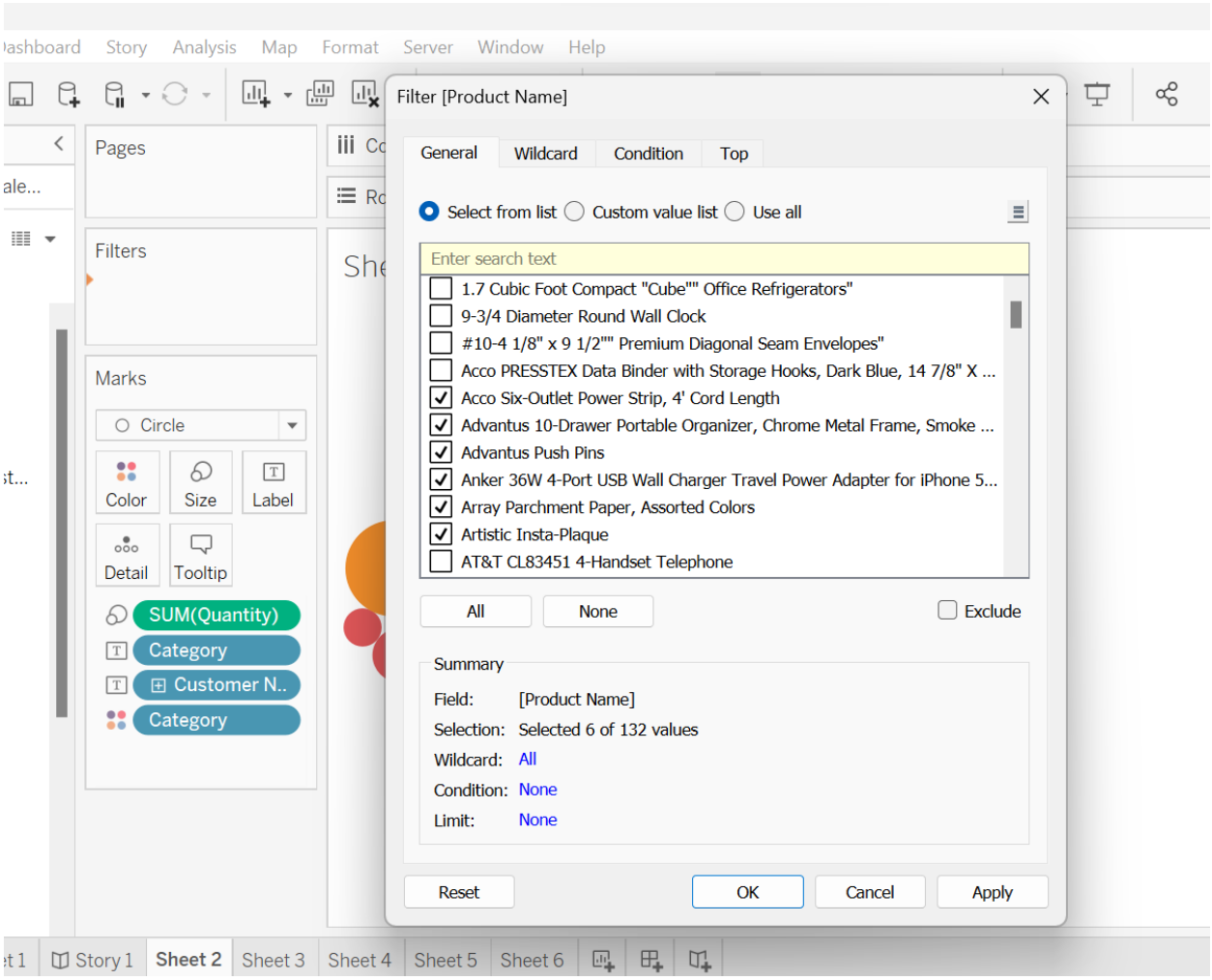
7.Side-By-Side bars

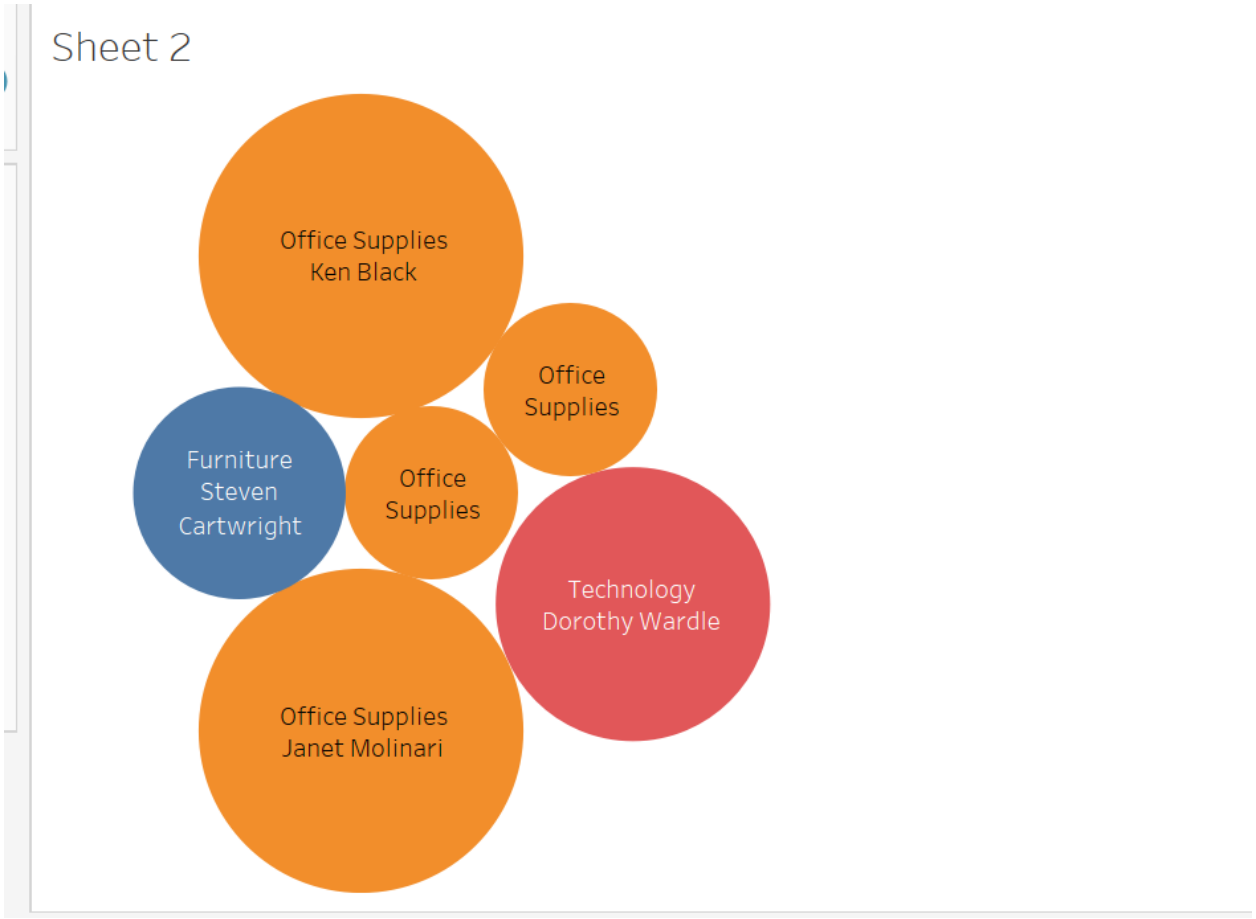


2.Application of filters

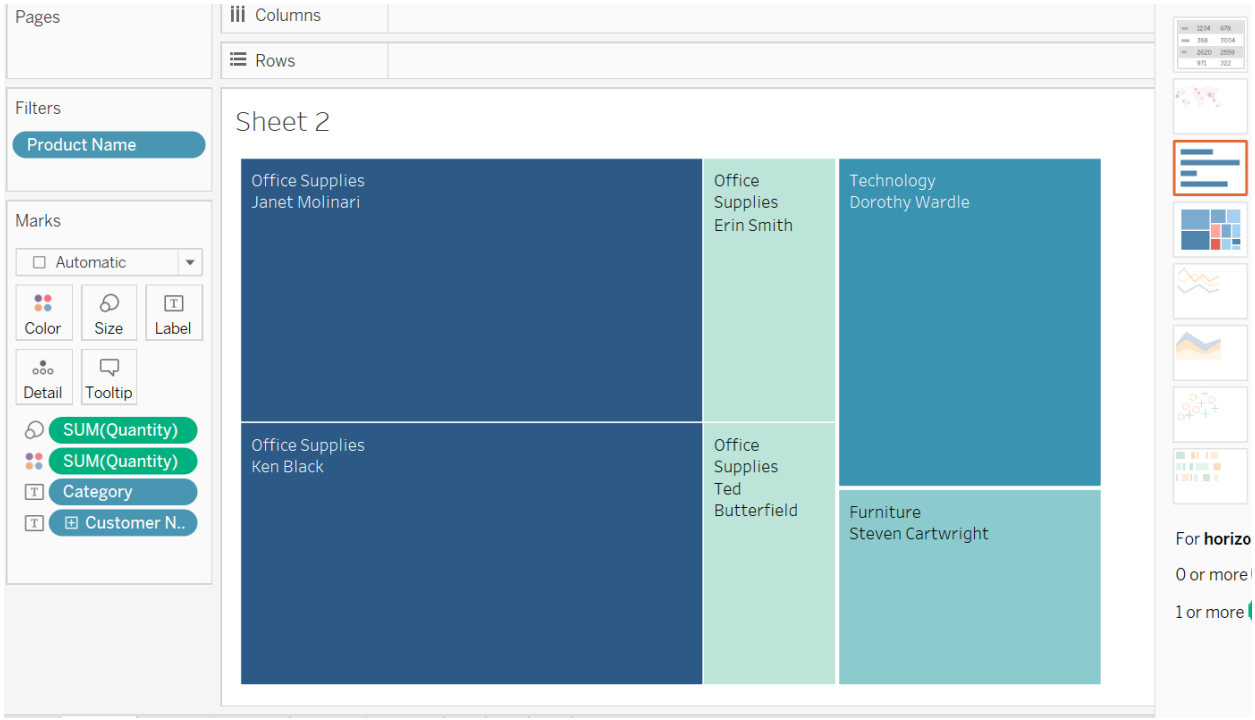
1.Dimension filter

Visualization 1: Packed Bubble

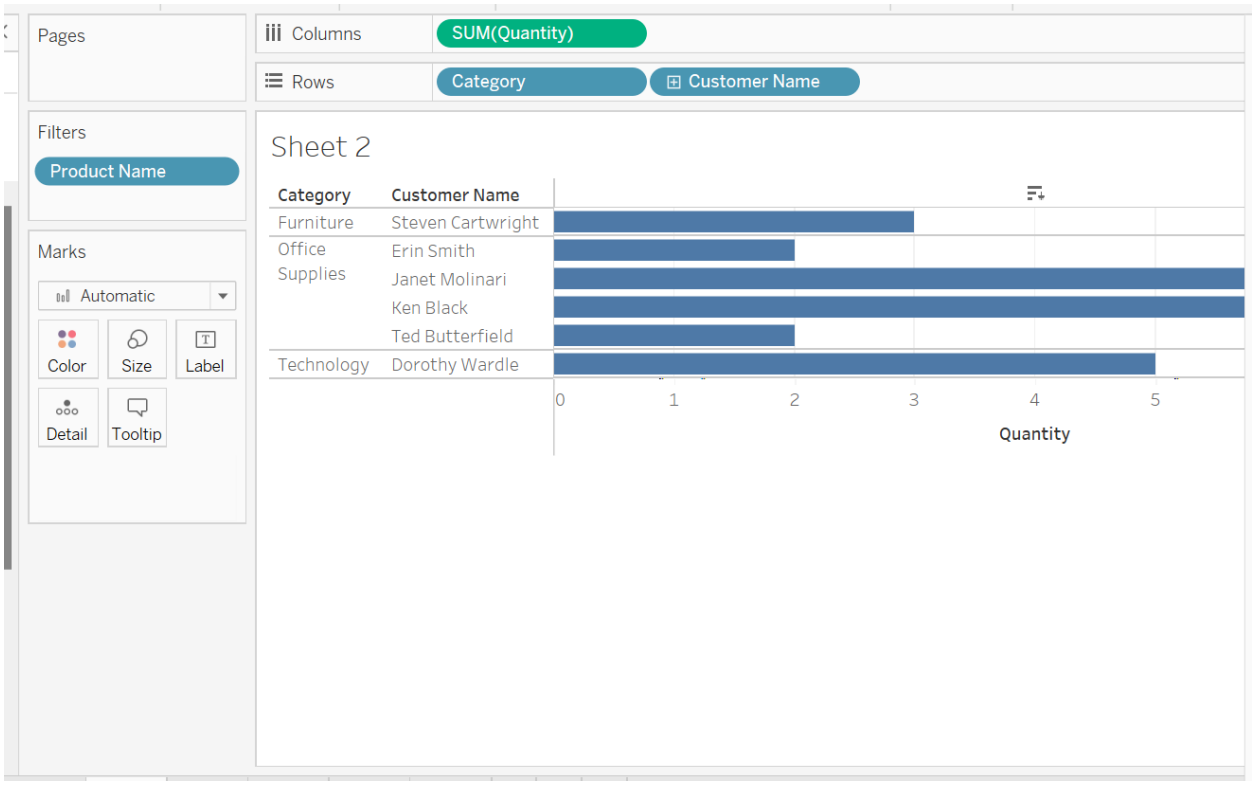




Visualization 2:

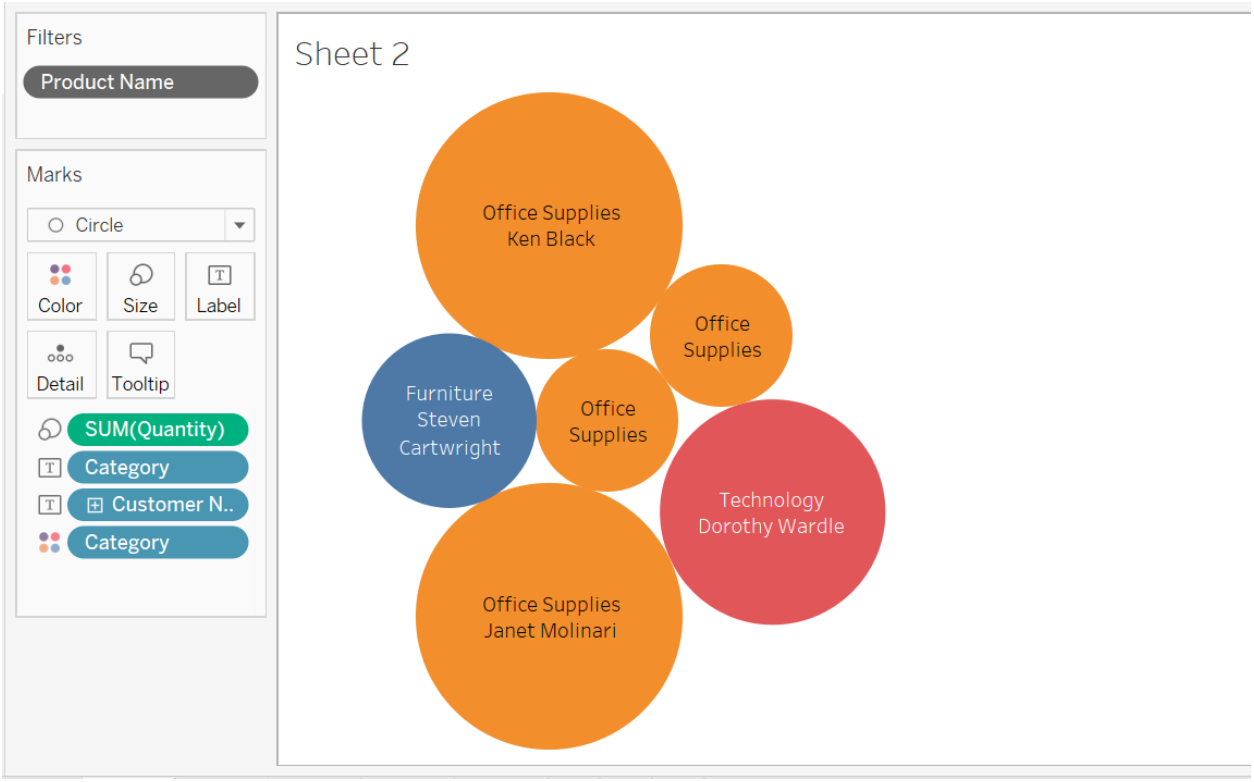


Visualization 3:

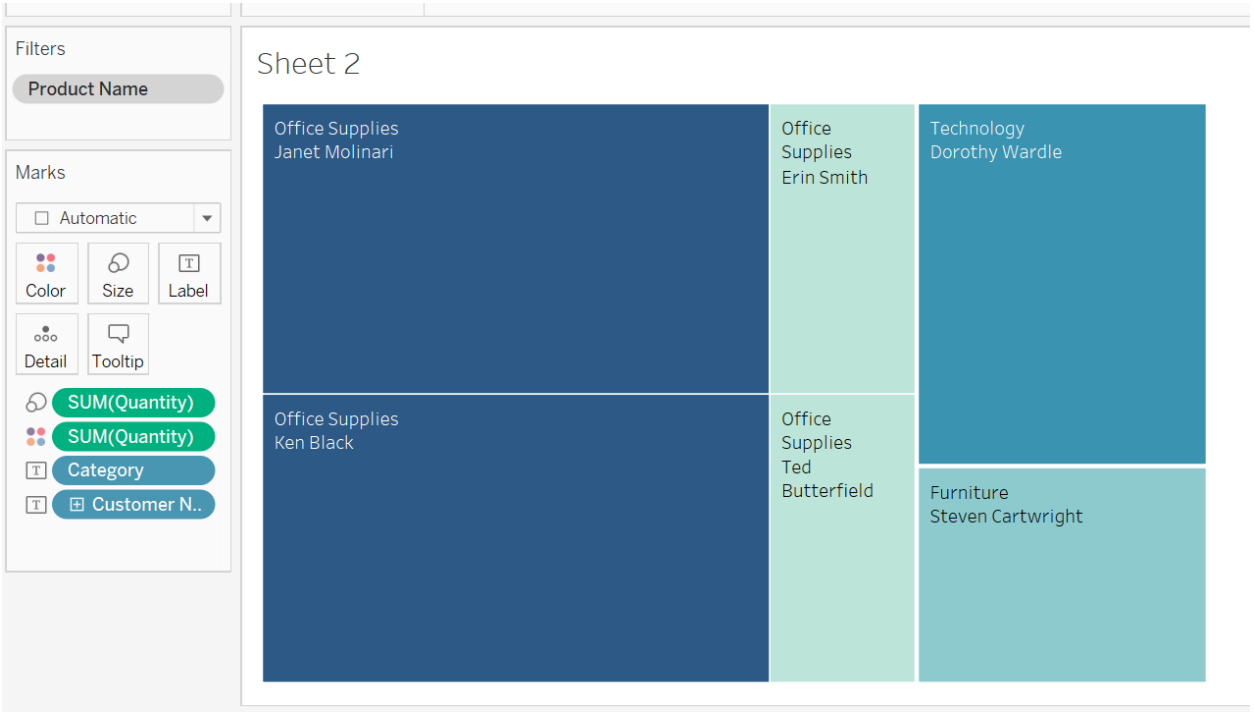


2.Context filter

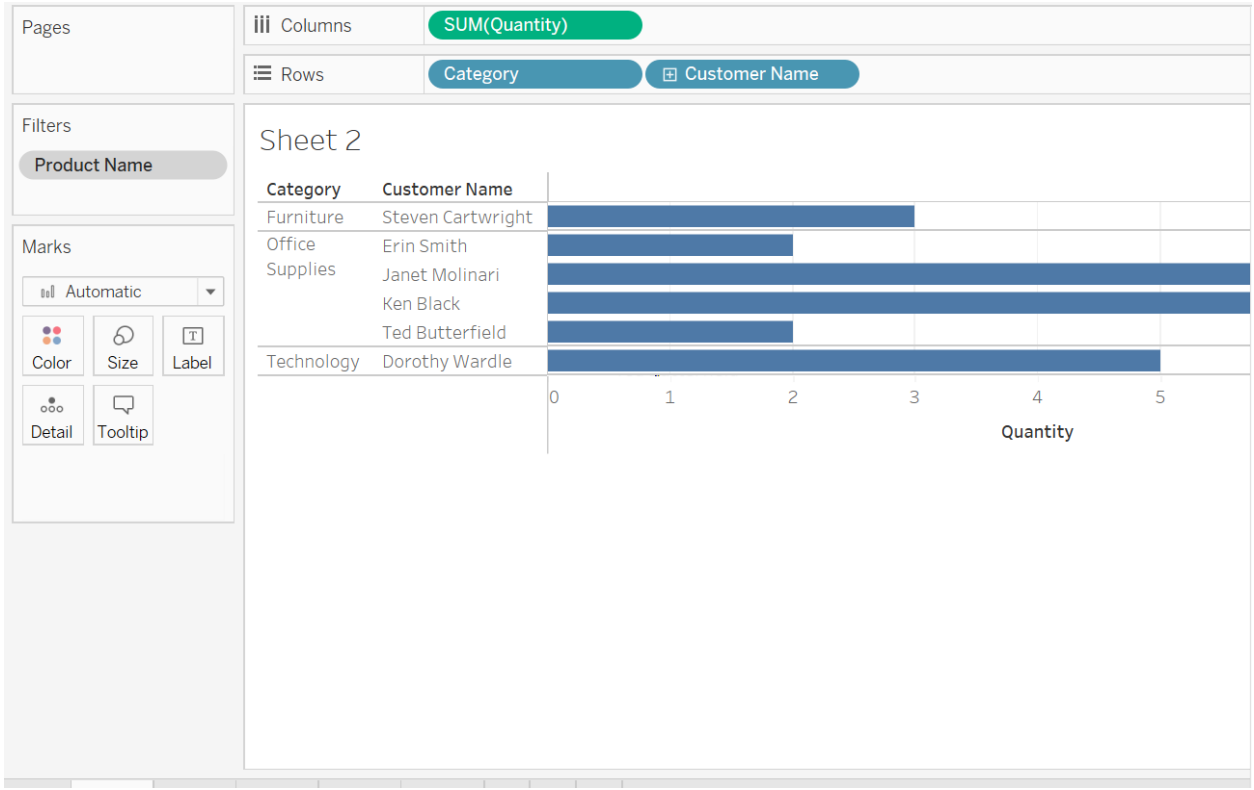
Visualization 1:



Visualization 2:

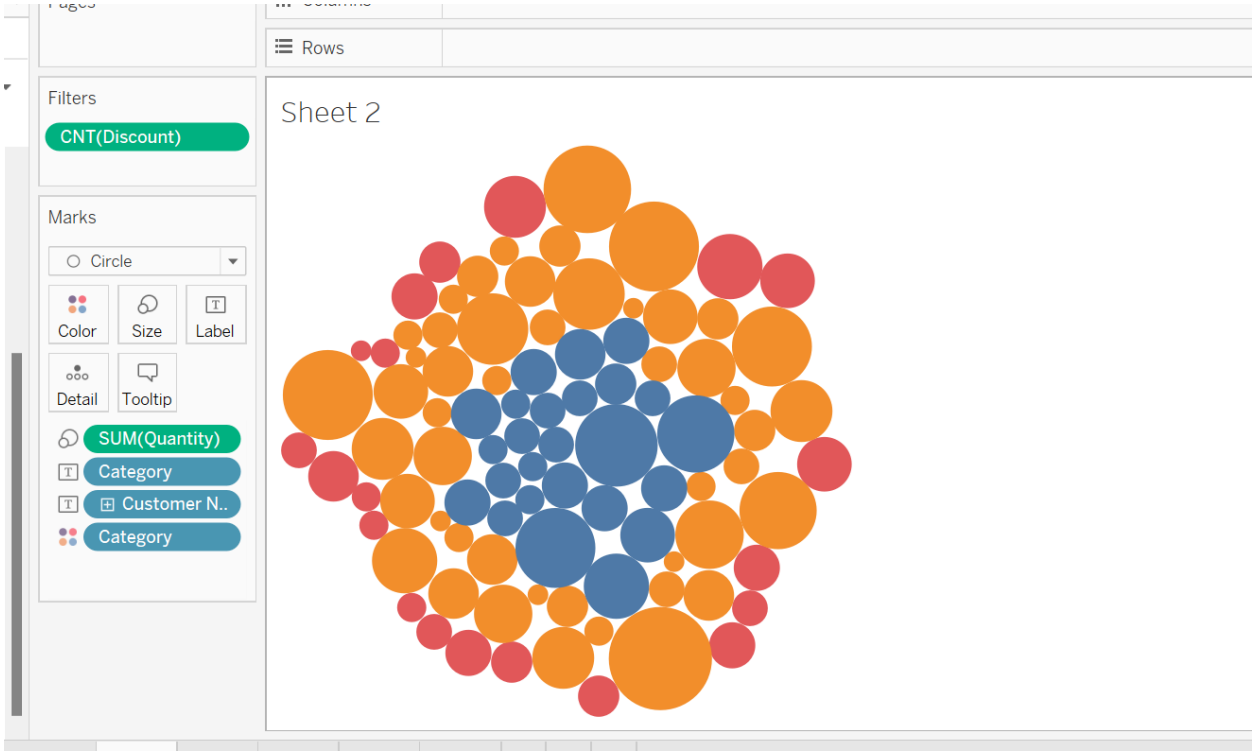


Visualization 3:

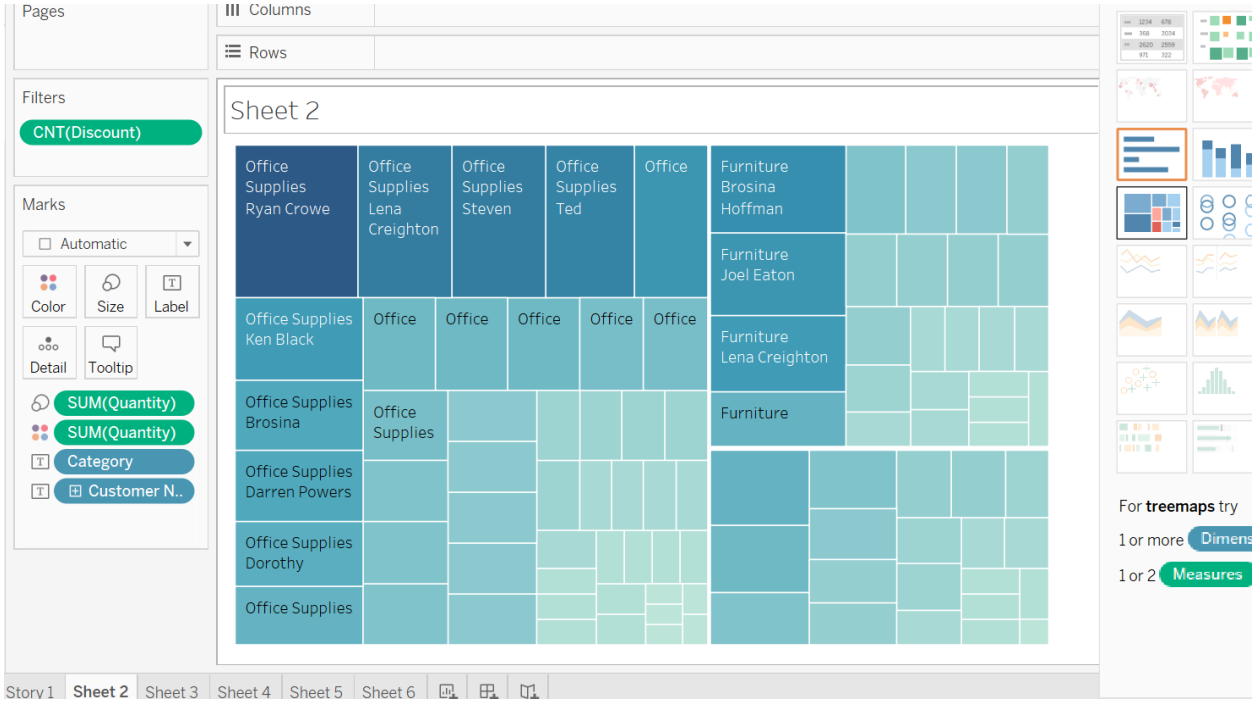


3.Measure Filter

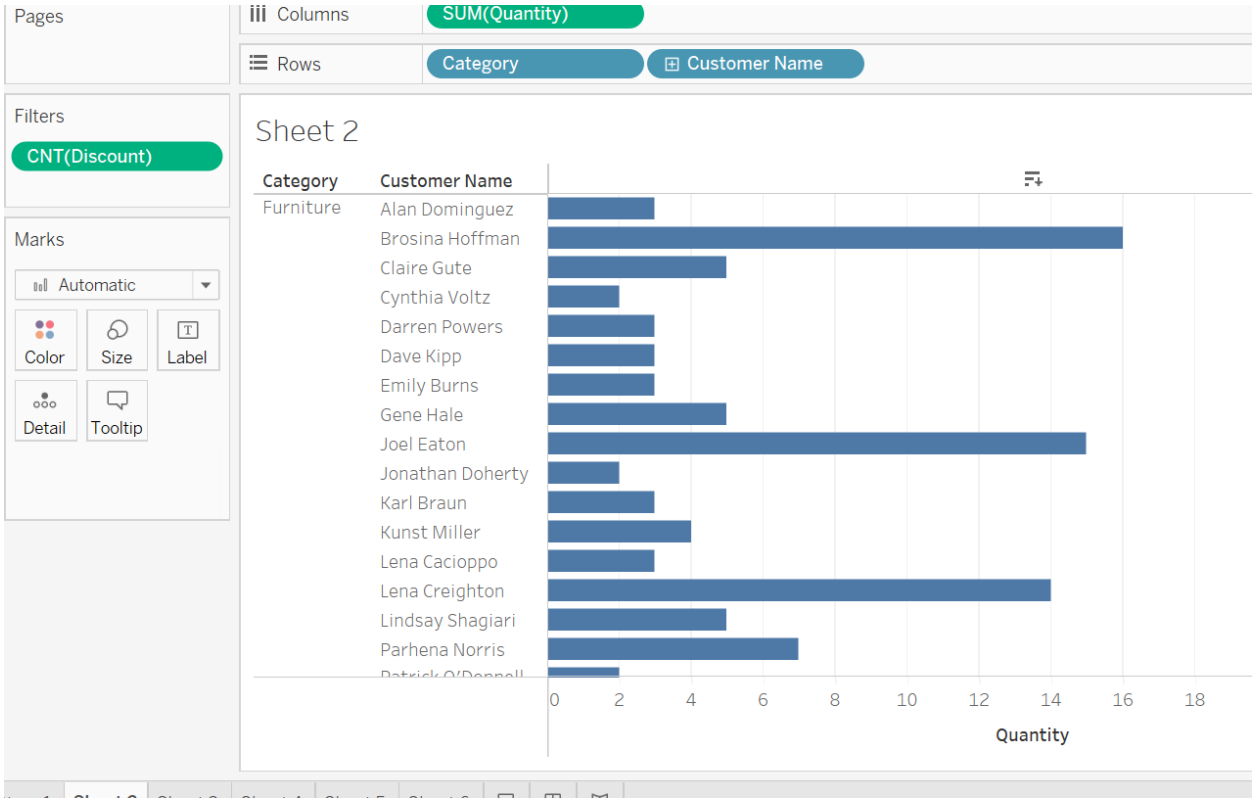
Visualization 1:



Visualization 2:

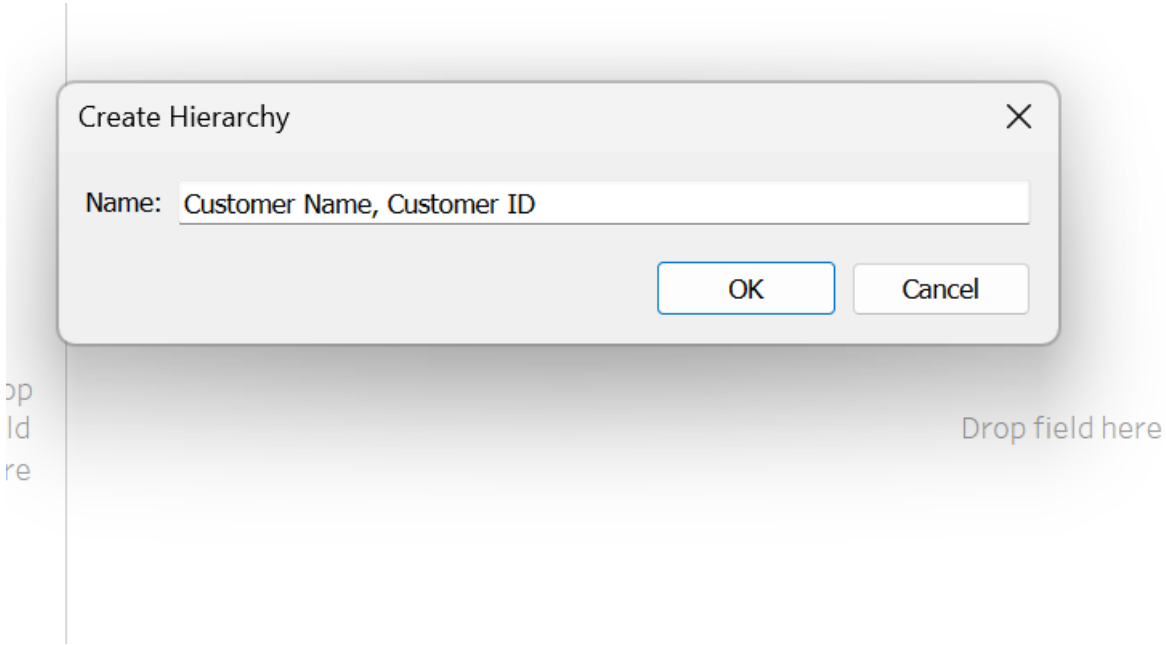


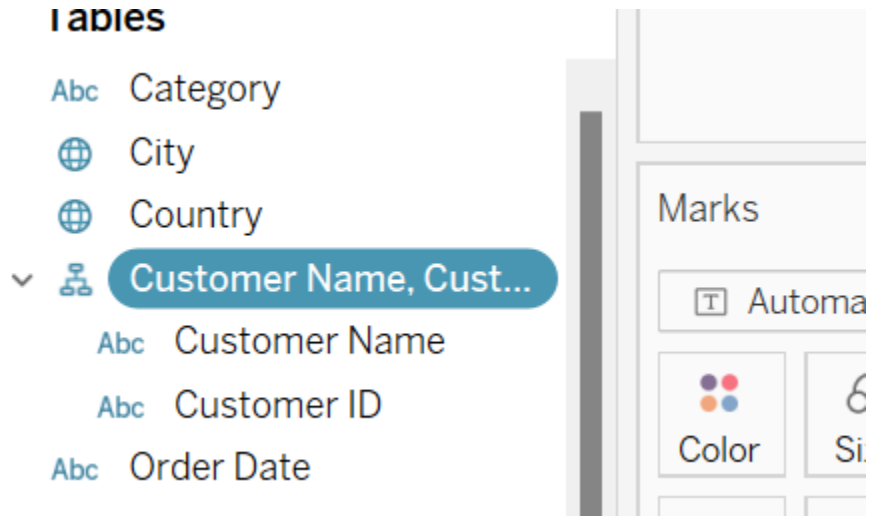
Visualization 3:



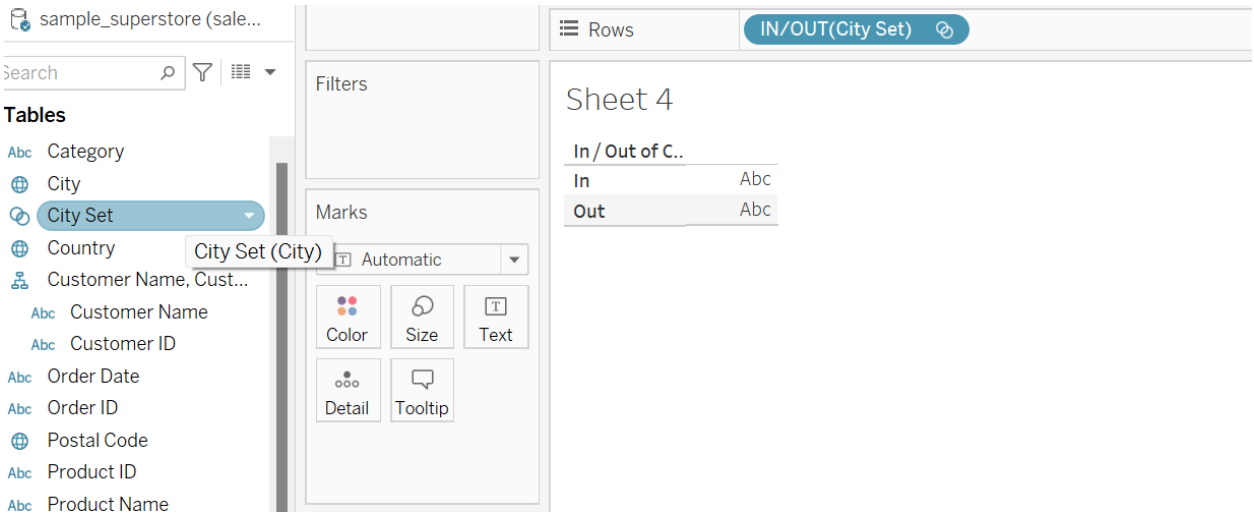
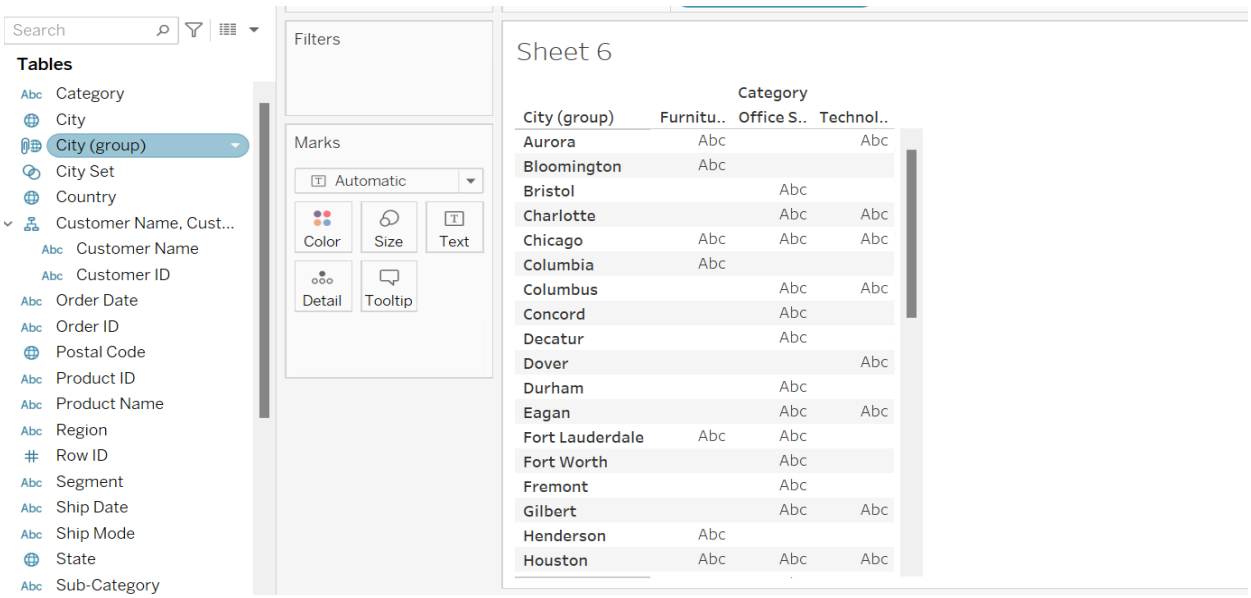
3.

A.Creating a Hierarchy





B.Create a set



C.Create a group’