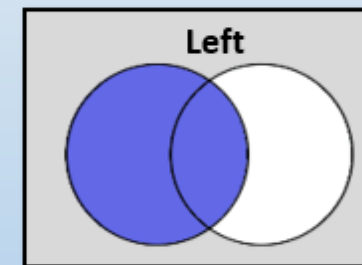
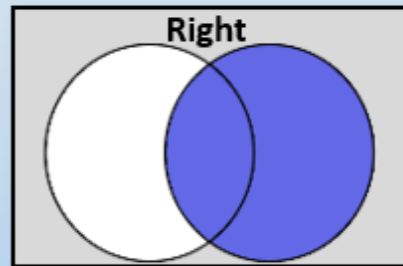
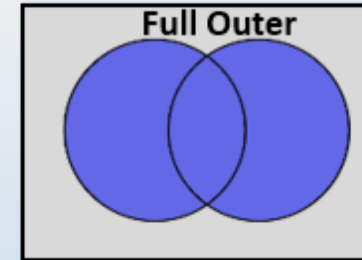
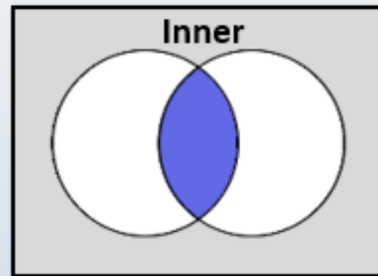


Joins in Tableau and more visualizations

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Different types of Joins



Inner Join

emp_2					dept	
empid	fn	ln	sal	did	dept_id	dname
101	Naman	Singh	5000	20	10	HR
102	Raman	Tripathi	7000	20	20	MKT
103	Chaman	Nagor	8000	20	30	SAL
104	Nisha	Patil	9000	30	40	ADM
105	Madhu	Reddy	10000	30	50	FIN
106	Rahul	Barkade	122746	113	60	ACC

INNER_JOIN_OP

empid	fn	ln	sal	did	dept_id	dname
101	Naman	Singh	5000	20	20	MKT
102	Raman	Tripathi	7000	20	20	MKT
103	Chaman	Nagor	8000	20	20	MKT
104	Nisha	Patil	9000	30	30	SAL
105	Madhu	Reddy	10000	30	30	SAL

Left Join

emp_2					dept	
empid	fn	ln	sal	did	dept_id	dname
101	Naman	Singh	5000	20	10	HR
102	Raman	Tripathi	7000	20	20	MKT
103	Chaman	Nagor	8000	20	30	SAL
104	Nisha	Patil	9000	30	40	ADM
105	Madhu	Reddy	10000	30	50	FIN
106	Rahul	Barkade	122746	113	60	ACC

LO_JOIN_OP

empid	fn	ln	sal	did	dept_id	dname
101	Naman	Singh	5000	20	20	MKT
102	Raman	Tripathi	7000	20	20	MKT
103	Chaman	Nagor	8000	20	20	MKT
104	Nisha	Patil	9000	30	30	SAL
105	Madhu	Reddy	10000	30	30	SAL
106	Rahul	Barkade	122746	113	NULL	NULL

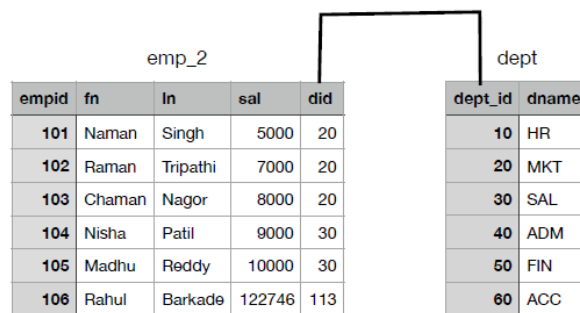
Right Join

emp_2					dept	
empid	fn	ln	sal	did	dept_id	dname
101	Naman	Singh	5000	20	10	HR
102	Raman	Tripathi	7000	20	20	MKT
103	Chaman	Nagor	8000	20	30	SAL
104	Nisha	Patil	9000	30	40	ADM
105	Madhu	Reddy	10000	30	50	FIN
106	Rahul	Barkade	122746	113	60	ACC

RO_JOIN_OP

empid	fn	ln	sal	did	dept_id	dname
NULL	NULL	NULL	NULL	NULL	10	HR
102	Raman	Tripathi	7000	20	20	MKT
103	Chaman	Nagor	8000	20	20	MKT
101	Naman	Singh	5000	20	20	MKT
104	Nisha	Patil	9000	30	30	SAL
105	Madhu	Reddy	10000	30	30	SAL
NULL	NULL	NULL	NULL	NULL	40	ADM
NULL	NULL	NULL	NULL	NULL	50	FIN
NULL	NULL	NULL	NULL	NULL	60	ACC

Full Outer



FO_JOIN_OP

empid	fn	ln	sal	did	dept_id	dname
NULL	NULL	NULL	NULL	NULL	10	HR
102	Raman	Tripathi	7000	20	20	MKT
103	Chaman	Nagor	8000	20	20	MKT
101	Naman	Singh	5000	20	20	MKT
104	Nisha	Patil	9000	30	30	SAL
105	Madhu	Reddy	10000	30	30	SAL
NULL	NULL	NULL	NULL	NULL	40	ADM
NULL	NULL	NULL	NULL	NULL	50	FIN
NULL	NULL	NULL	NULL	NULL	60	ACC
106	Rahul	Barkade	122746	113	NULL	NULL

Joining in Tableau

Step 1 : Double Click orders

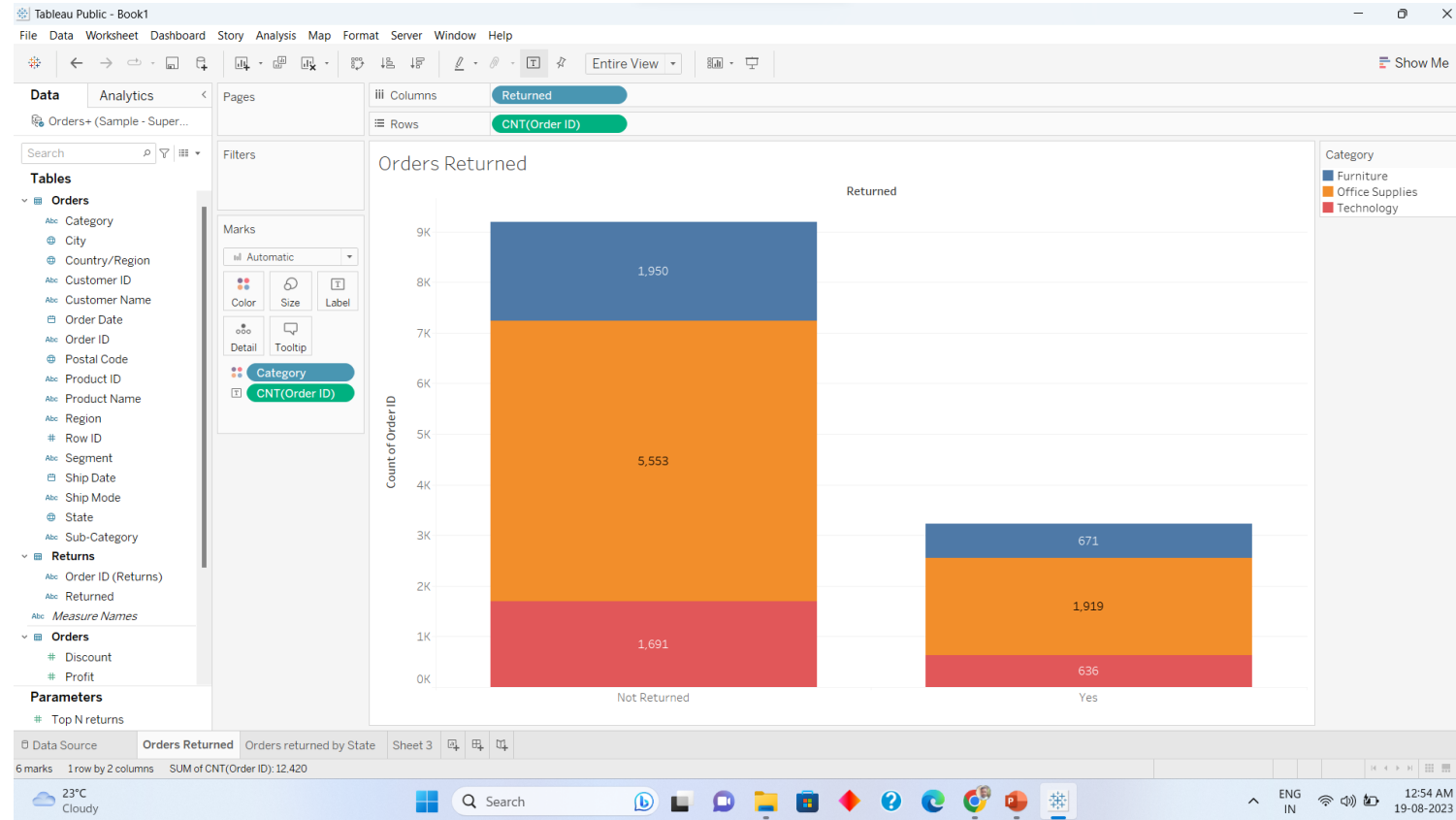
Step 2 : Drag Returns

Step 3 : Click to select join

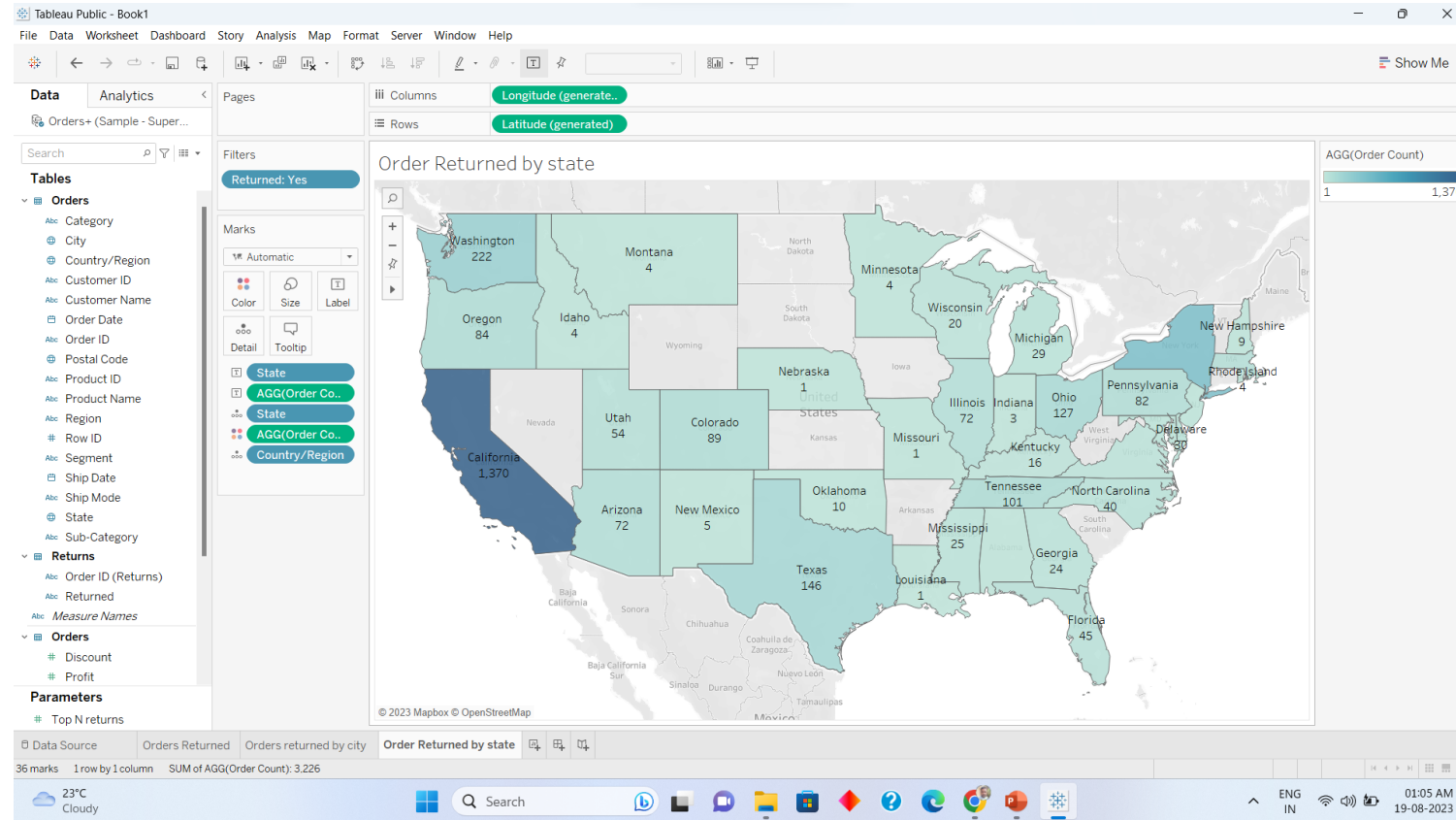
The screenshot shows the Tableau Public interface with the 'Orders+ (Sample - Superstore)' data source. The 'Orders' table is selected in the 'Connections' pane. The 'Returns' table is being dragged into the 'Orders' table. The 'Join' button is highlighted in the 'Fields' pane. The 'Data Source' pane shows the 'Orders' table with 23 fields and 12420 rows. The 'Fields' pane shows the 'Orders' table with fields: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, and Customer Name.

#	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name
1	CA-2021-152156	08-11-2021	11-11-2021	Second Class	CG-12520	Claire Gute	
2	CA-2021-152156	08-11-2021	11-11-2021	Second Class	CG-12520	Claire Gute	
3	CA-2021-138688	12-06-2021	16-06-2021	Second Class	DV-13045	Darrin Van Huff	
4	US-2020-108966	11-10-2020	18-10-2020	Standard Class	SO-20335	Sean O'Donnell	
5	US-2020-108966	11-10-2020	18-10-2020	Standard Class	SO-20335	Sean O'Donnell	
6	CA-2019-115812	09-06-2019	14-06-2019	Standard Class	BH-11710	Brosina Hoffman	

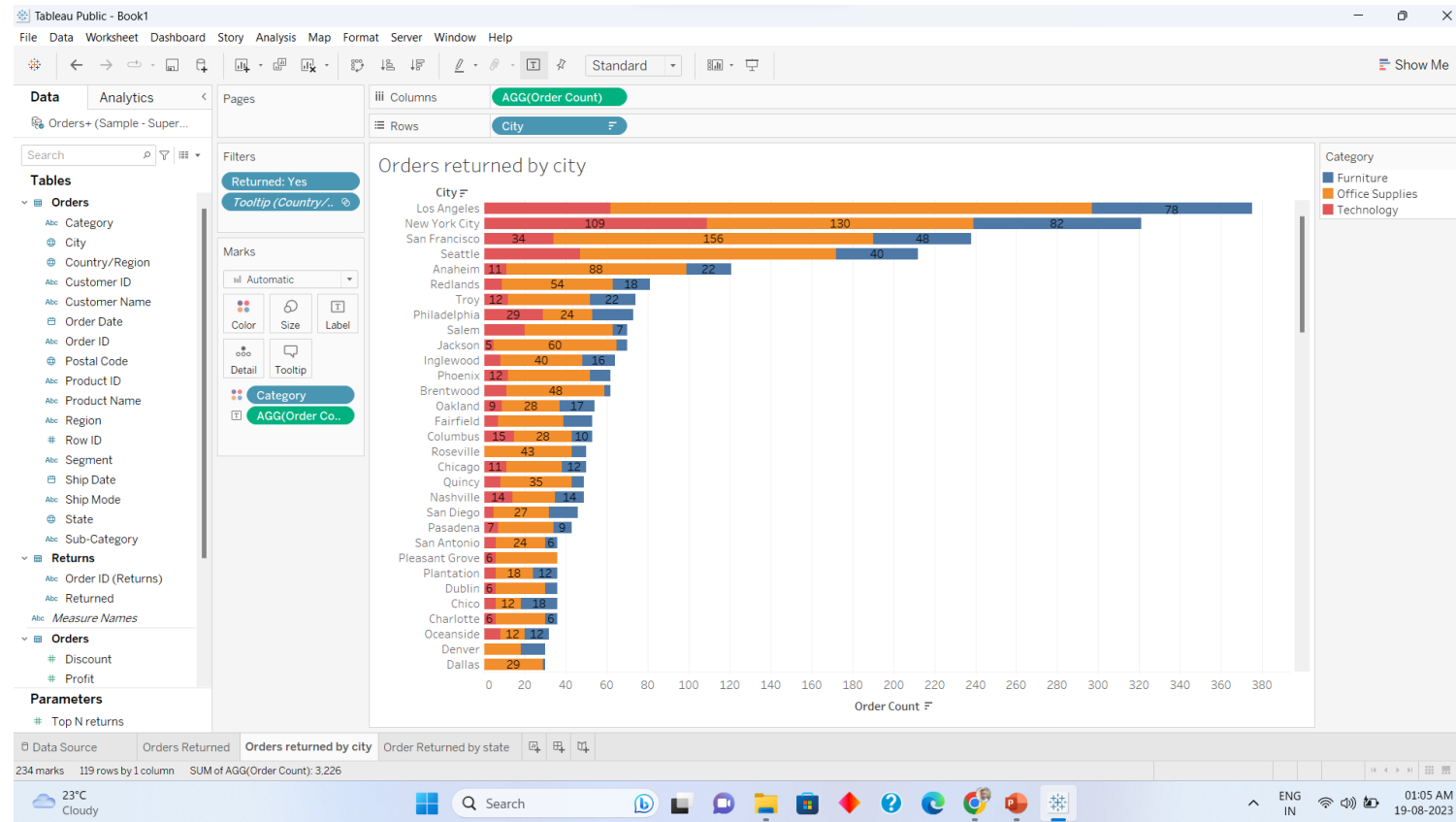
Orders Returned vs Not Returned



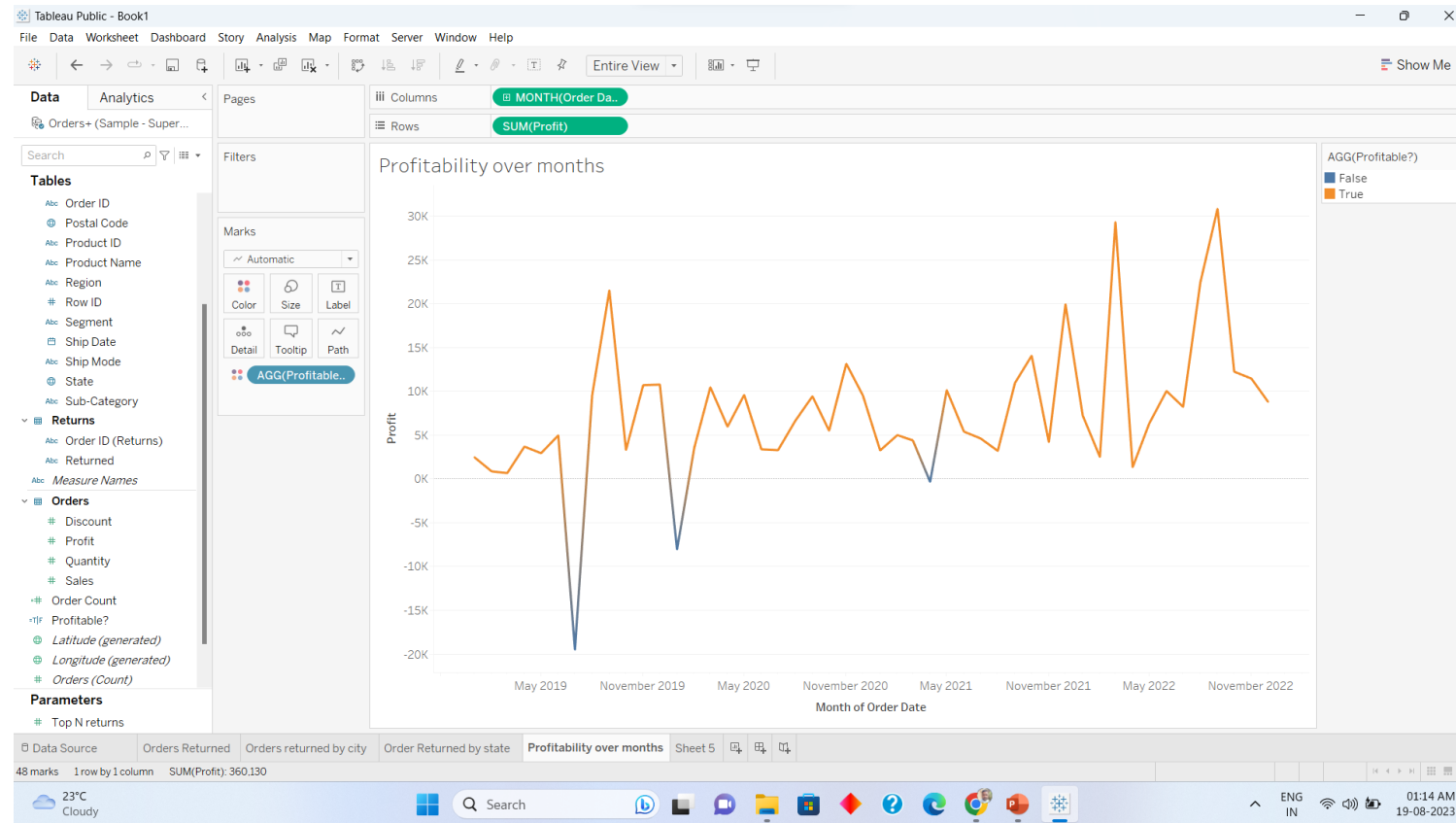
State wise orders returned



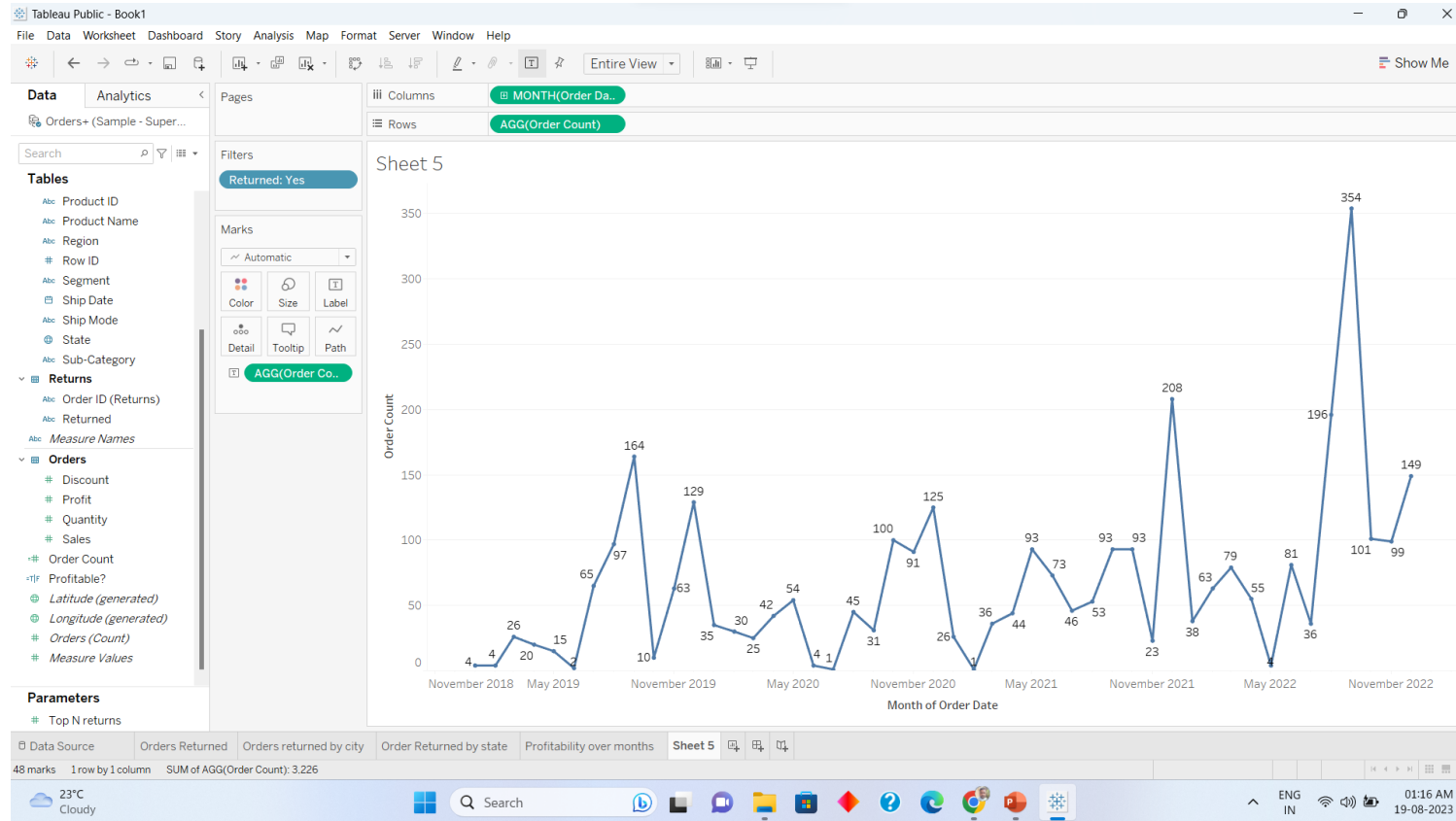
Orders returned by city



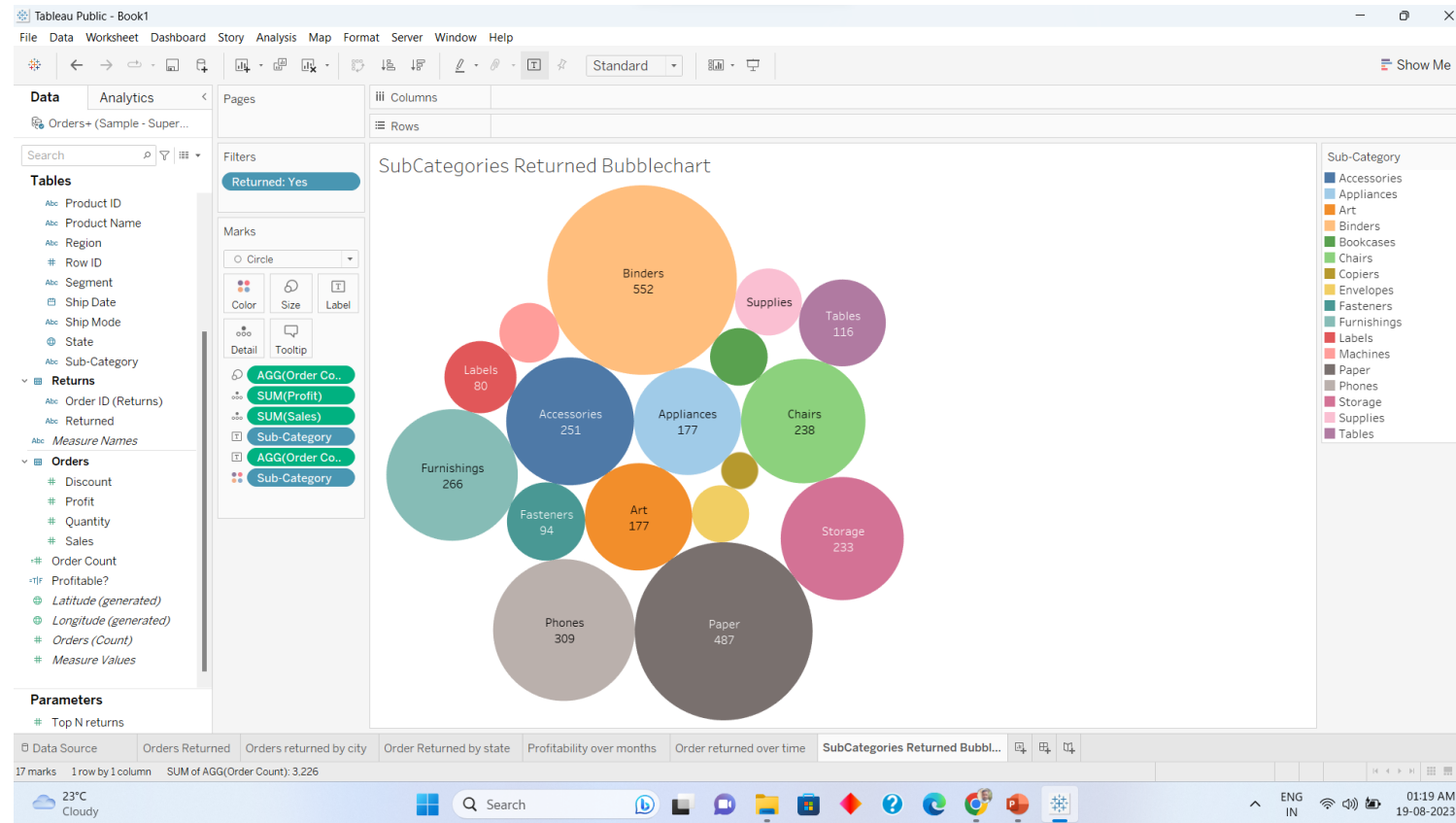
Profitability over month chart



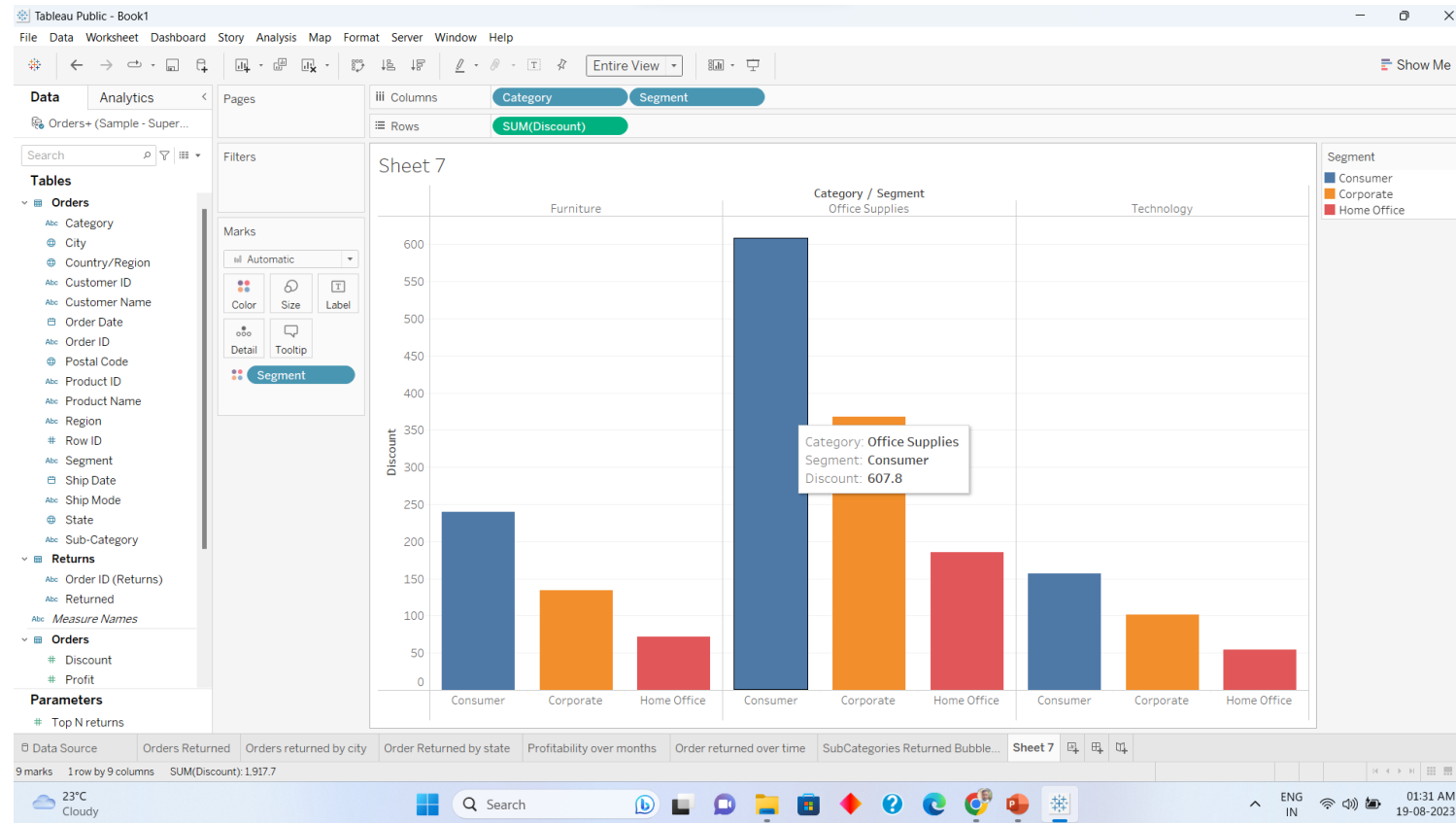
Order returned over time



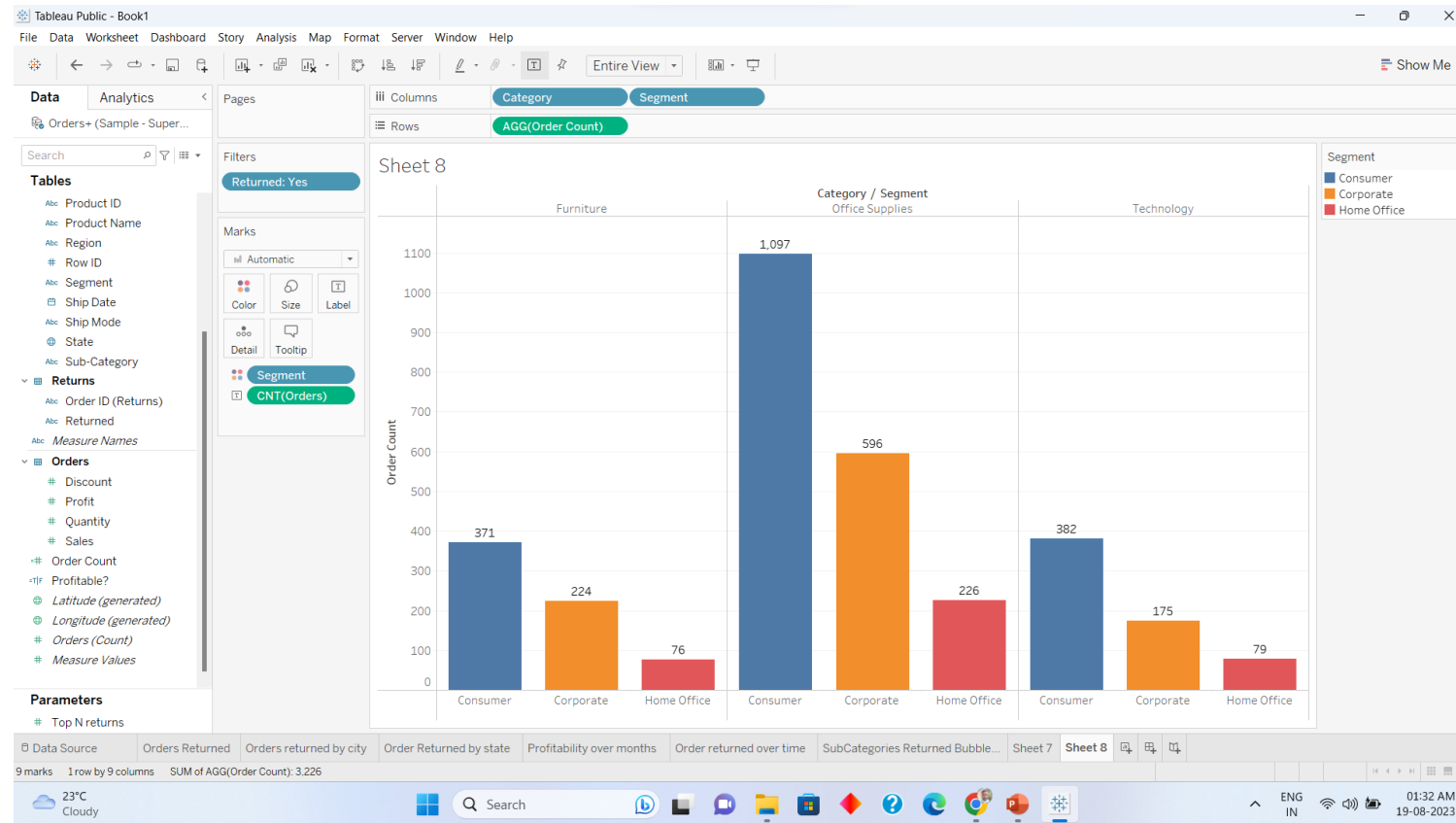
Returned SubCategories Bubble chart



Side by side chart for discount



Side by side charts for order returns



Thank you

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PING ME ON SKYPE FOR ANY QUERIES