

The background is a dark blue gradient with a subtle pattern of small white dots. Overlaid on this are several faint, light blue circular elements. On the left side, there is a large circular scale with tick marks and numbers ranging from 140 to 260. Several concentric circles and arcs are scattered across the image, some with arrows indicating a clockwise direction. The text 'DATA ANALYSIS' is centered in a white, serif font.

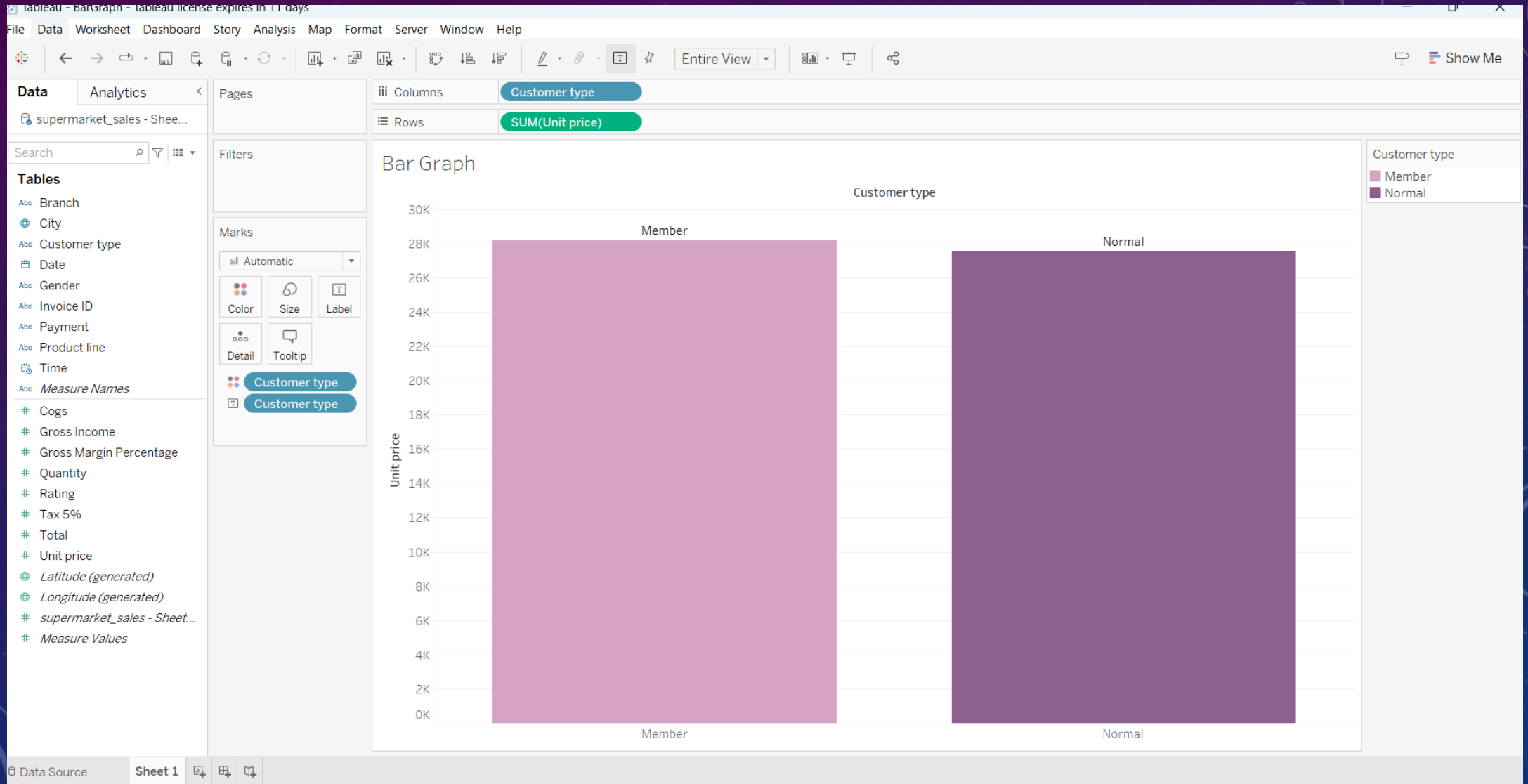
DATA ANALYSIS

ASSIGNMENT -1

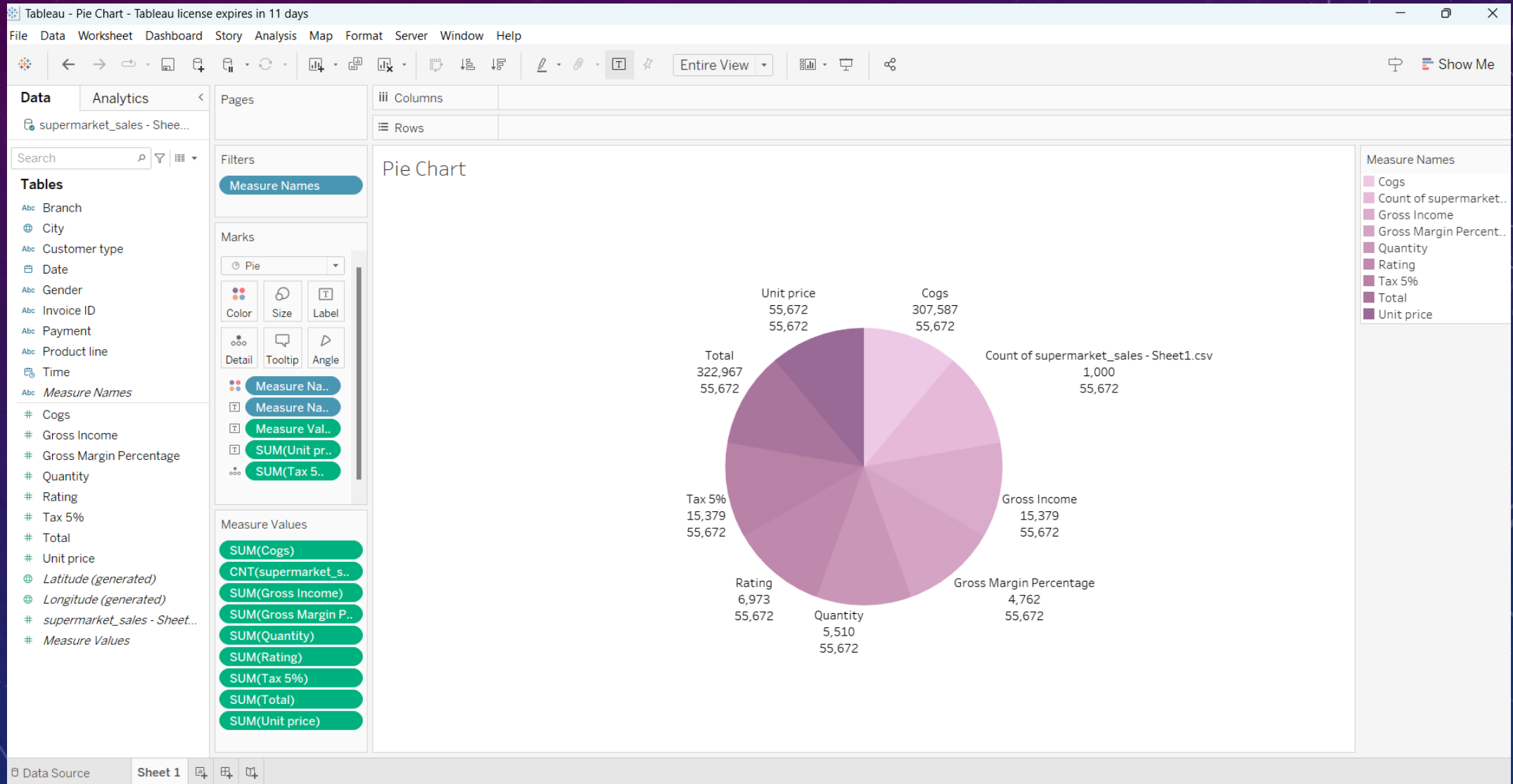
DATA SET –SUPERMARKET_SALES

Invoice ID																								
Invoice ID	Branch	City	Customer	Gender	Product line	Unit price	Quantity	Tax 5%	Total	Date	Time	Payment	cogs	gross marg	gross incor	Rating								
750-67-84	A	Yangon	Member	Female	Health anc	74.69	7	26.1415	548.9715	#####	13:08	Ewallet	522.83	4.761905	26.1415	9.1								
226-31-30	C	Naypyitaw	Normal	Female	Electronic	15.28	5	3.82	80.22	#####	10:29	Cash	76.4	4.761905	3.82	9.6								
631-41-31	A	Yangon	Normal	Male	Home and	46.33	7	16.2155	340.5255	#####	13:23	Credit card	324.31	4.761905	16.2155	7.4								
123-19-11	A	Yangon	Member	Male	Health anc	58.22	8	23.288	489.048	1/27/2019	20:33	Ewallet	465.76	4.761905	23.288	8.4								
373-73-79	A	Yangon	Normal	Male	Sports and	86.31	7	30.2085	634.3785	#####	10:37	Ewallet	604.17	4.761905	30.2085	5.3								
699-14-30	C	Naypyitaw	Normal	Male	Electronic	85.39	7	29.8865	627.6165	3/25/2019	18:30	Ewallet	597.73	4.761905	29.8865	4.1								
355-53-59	A	Yangon	Member	Female	Electronic	68.84	6	20.652	433.692	2/25/2019	14:36	Ewallet	413.04	4.761905	20.652	5.8								
315-22-56	C	Naypyitaw	Normal	Female	Home and	73.56	10	36.78	772.38	2/24/2019	11:38	Ewallet	735.6	4.761905	36.78	8								
665-32-91	A	Yangon	Member	Female	Health anc	36.26	2	3.626	76.146	#####	17:15	Credit card	72.52	4.761905	3.626	7.2								
692-92-55	B	Mandalay	Member	Female	Food and b	54.84	3	8.226	172.746	2/20/2019	13:27	Credit card	164.52	4.761905	8.226	5.9								
351-62-08	B	Mandalay	Member	Female	Fashion ac	14.48	4	2.896	60.816	#####	18:07	Ewallet	57.92	4.761905	2.896	4.5								
529-56-39	B	Mandalay	Member	Male	Electronic	25.51	4	5.102	107.142	#####	17:03	Cash	102.04	4.761905	5.102	6.8								
365-64-05	A	Yangon	Normal	Female	Electronic	46.95	5	11.7375	246.4875	#####	10:25	Ewallet	234.75	4.761905	11.7375	7.1								
252-56-26	A	Yangon	Normal	Male	Food and b	43.19	10	21.595	453.495	#####	16:48	Ewallet	431.9	4.761905	21.595	8.2								
829-34-39	A	Yangon	Normal	Female	Health anc	71.38	10	35.69	749.49	3/29/2019	19:21	Cash	713.8	4.761905	35.69	5.7								
299-46-18	B	Mandalay	Member	Female	Sports and	93.72	6	28.116	590.436	1/15/2019	16:19	Cash	562.32	4.761905	28.116	4.5								
656-95-93	A	Yangon	Member	Female	Health anc	68.93	7	24.1255	506.6355	#####	11:03	Credit card	482.51	4.761905	24.1255	4.6								
765-26-69	A	Yangon	Normal	Male	Sports and	72.61	6	21.783	457.443	#####	10:39	Credit card	435.66	4.761905	21.783	6.9								
329-62-15	A	Yangon	Normal	Male	Food and b	54.67	3	8.2005	172.2105	1/21/2019	18:00	Credit card	164.01	4.761905	8.2005	8.6								
319-50-33	B	Mandalay	Normal	Female	Home and	40.3	2	4.03	84.63	#####	15:30	Ewallet	80.6	4.761905	4.03	4.4								
300-71-46	C	Naypyitaw	Member	Male	Electronic	86.04	5	21.51	451.71	2/25/2019	11:24	Ewallet	430.2	4.761905	21.51	4.8								
371-85-57	B	Mandalay	Normal	Male	Health anc	87.98	3	13.197	277.137	#####	10:40	Ewallet	263.94	4.761905	13.197	5.1								
273-16-66	B	Mandalay	Normal	Male	Home and	33.2	2	3.32	69.72	3/15/2019	12:20	Credit card	66.4	4.761905	3.32	4.4								
636-48-82	A	Yangon	Normal	Male	Electronic	34.56	5	8.64	181.44	2/17/2019	11:15	Ewallet	172.8	4.761905	8.64	9.9								
549-59-13	A	Yangon	Member	Male	Sports and	88.63	3	13.2945	279.1845	#####	17:36	Ewallet	265.89	4.761905	13.2945	6								
227-03-50	A	Yangon	Member	Female	Home and	52.59	8	21.036	441.756	3/22/2019	19:20	Credit card	420.72	4.761905	21.036	8.5								
640-30-67	B	Mandalay	Normal	Male	Fashion ac	22.53	4	1.676	95.406	#####	15:31	Cash	93.53	4.761905	1.676	6.7								

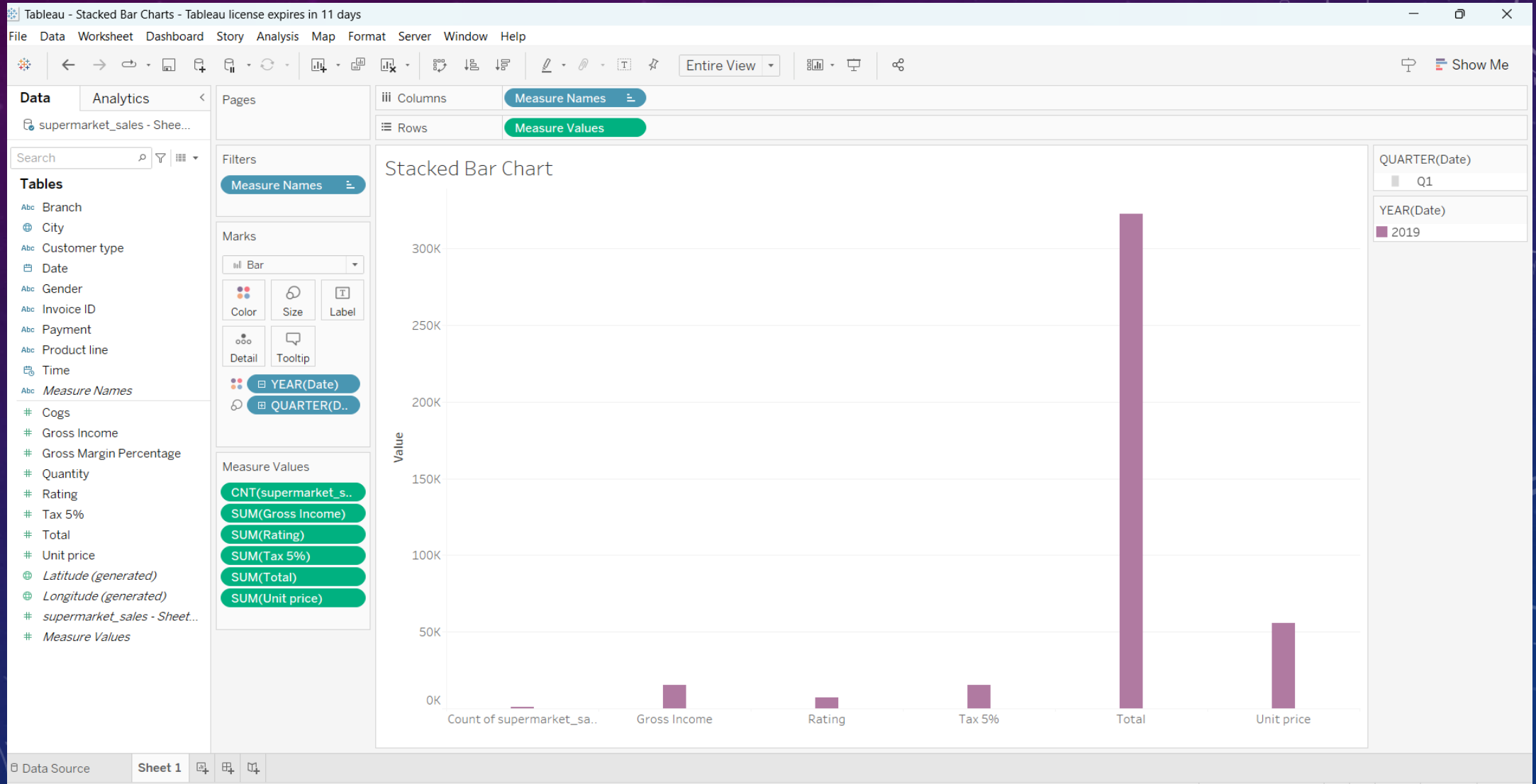
BAR CHART



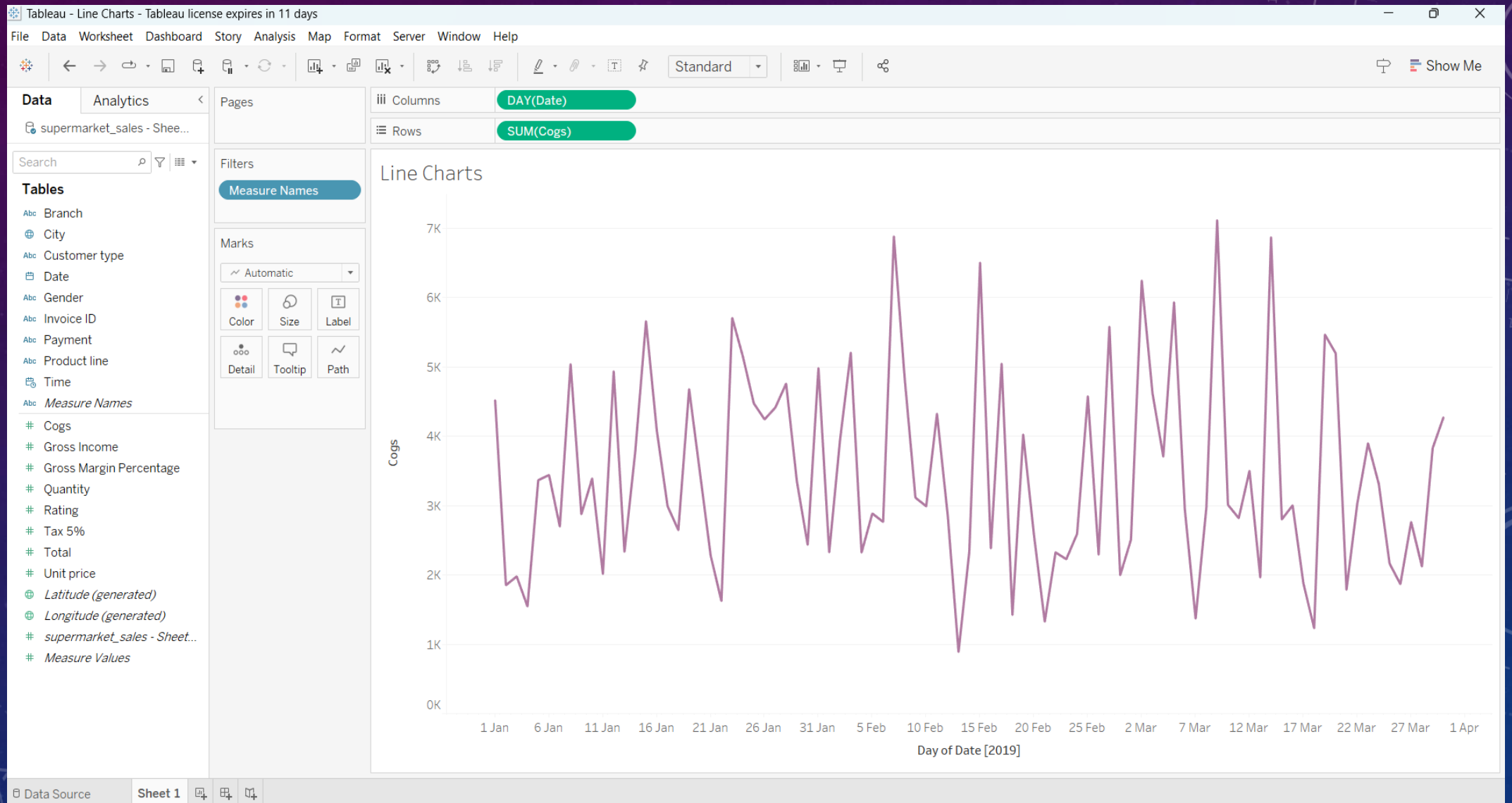
PIE CHART



STACKED BAR CHARTS



LINE CHARTS



BUBBLE CHART

