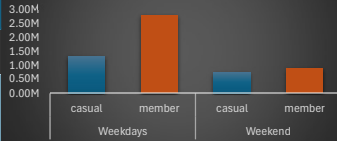


Cyclistic Case Study 2023

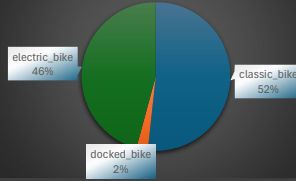
Weekdays
Weekend

No. of riders on Weekend and Weekdays

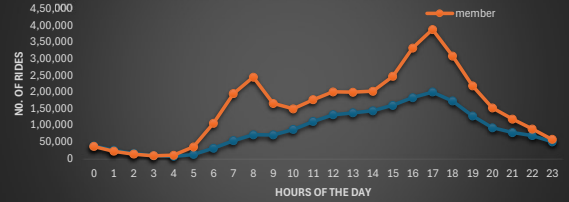


casual
member

Share of bikes

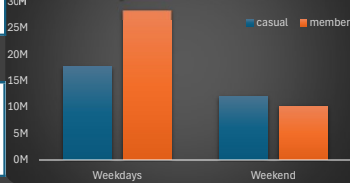


No. of rides by start of the hours



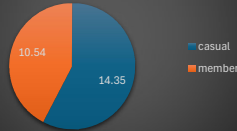
Saturday
Sunday

Trip duration(in mins) on weekdays vs weekends

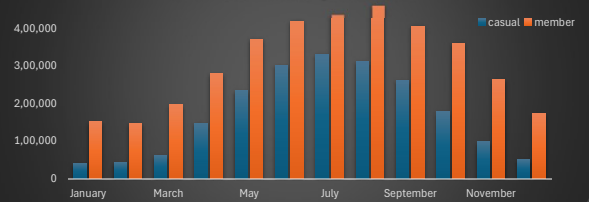


April
August
December

Average Trip Duration (in mins)

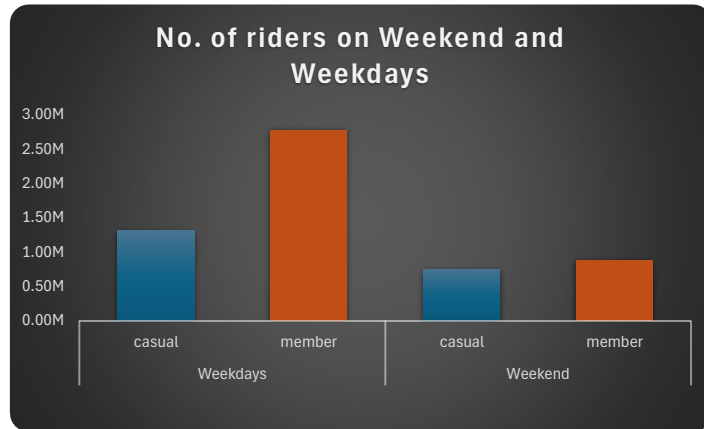


No. of Users in year 2022



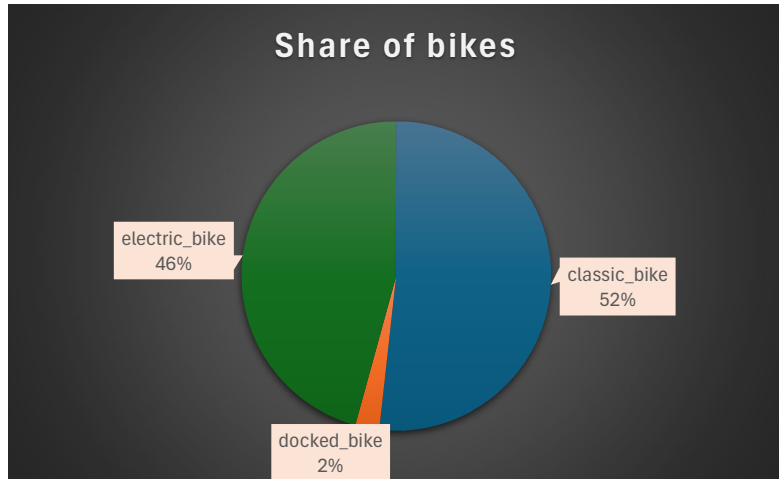
Weekdays vs Weekend Rides

Row Labels	Count of started_at
Weekdays	
casual	1312755
member	2778978
Weekend	
casual	746424
member	881720
Grand Total	5719877



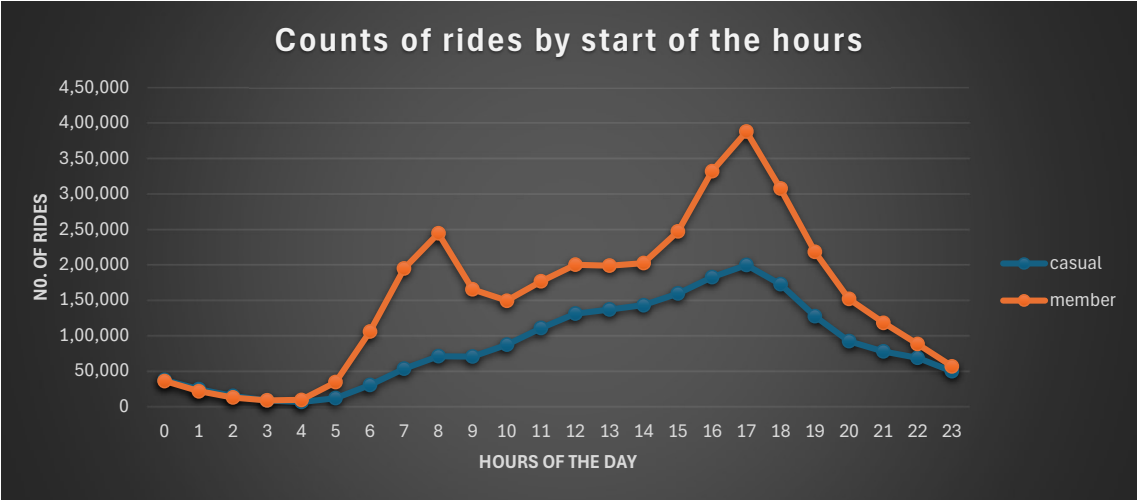
Share of Bike Types

Row Labels	trip_duration_mins
classic_bike	35256250
docked_bike	1714318
electric_bike	31141778



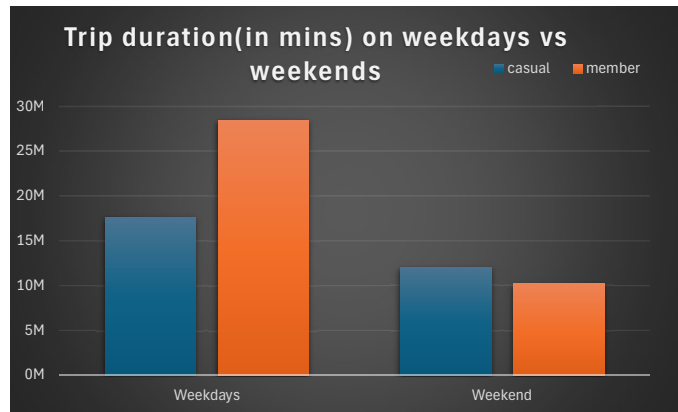
Number of rides by the hours of the day

Count of starting_hour		Column Labels		
Row Labels		casual	member	Grand Total
0		36896	35534	72430
1		23929	21185	45114
2		14456	12275	26731
3		7944	7936	15880
4		5969	8778	14747
5		11429	34144	45573
6		30151	105310	135461
7		53000	194611	247611
8		70700	244218	314918
9		70005	164912	234917
10		86606	148848	235454
11		110524	176379	286903
12		130779	199941	330720
13		136656	198738	335394
14		142731	201905	344636
15		159268	246741	406009
16		182502	331643	514145
17		199282	387973	587255
18		172201	307787	479988
19		127271	217972	345243
20		91921	151659	243580
21		77308	117765	195073
22		68359	88006	156365
23		49292	56438	105730
Grand Total		2059179	3660698	5719877



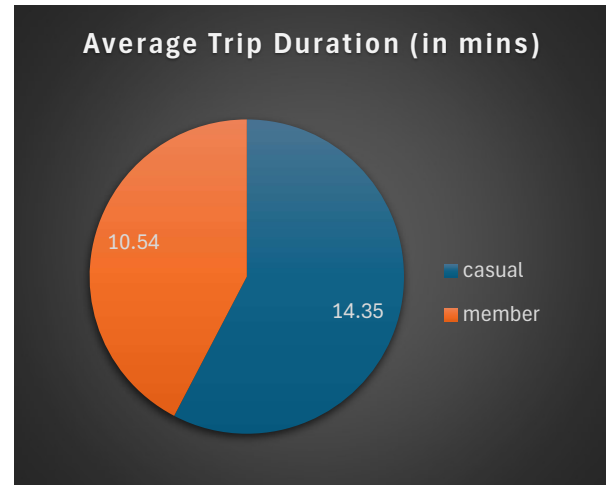
Trip Duration on Weekend vs Weekdays

Sum of trip_duration_mins	Column Labels	
Row Labels	casual	member
Weekdays	17601051	28422698
Weekend	11942911	10145686



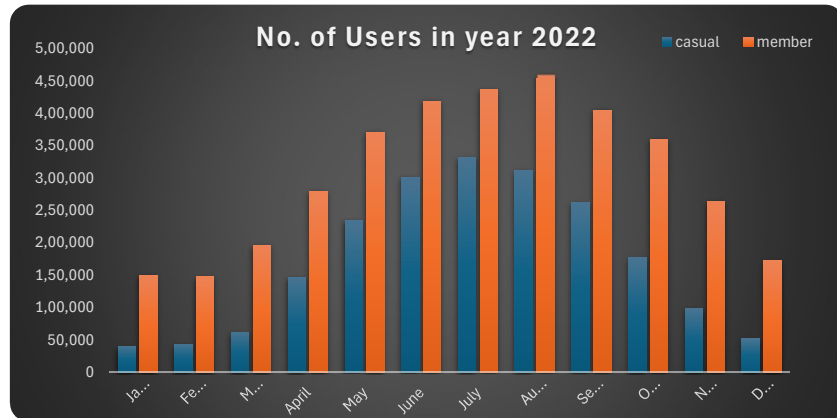
Average Trip Duration

Row Labels	Average of trip_duration_mins
casual	14.34744721
member	10.53580055
Grand Total	11.90800886



Number of Users by Month

Count of started_at	Column Labels	
Row Labels	casual	member
January	40008	150293
February	43016	147429
March	62201	196477
April	147285	279305
May	234181	370646
June	301230	418388
July	331358	436292
August	311130	460563
September	261635	404736
October	177071	360042
November	98392	264126
December	51672	172401



Busiest Days by Trip Duration

Row Labels	Count of trip_duration_mins
03-06-2023	31794
10-06-2023	35121
17-06-2023	29696
24-06-2023	34021
04-07-2023	28234
15-07-2023	30109
23-07-2023	28580
29-07-2023	31960
12-08-2023	33536
19-08-2023	32317

