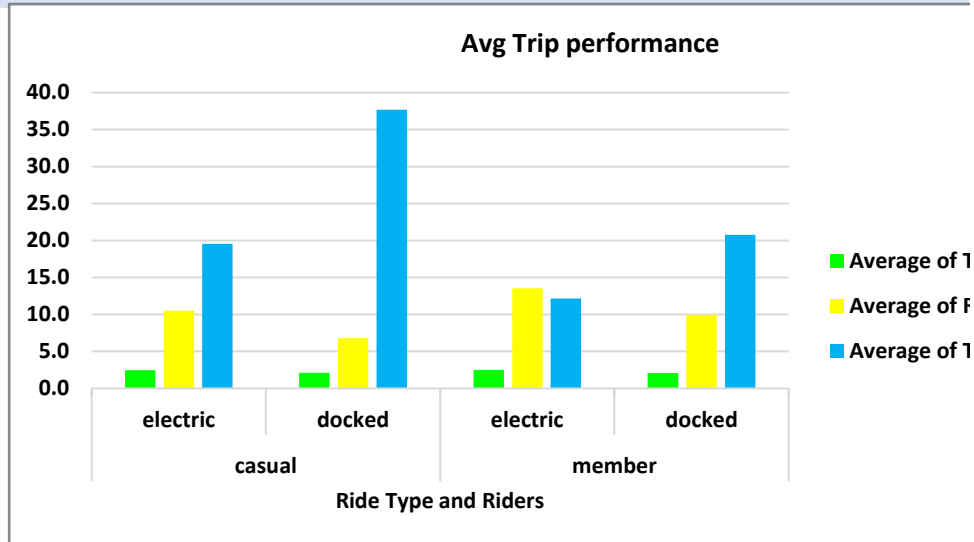## Insights:
Electric bikes are consistently faster than docked ones.

Members ride faster and finish quicker → they use bikes more efficiently.

Casual riders tend to ride longer but slower.

Row Labels	Average of Trip Distance(Km)	Average of Ride Speed(Km/h)
casual	**2.3**	**8.1**
electric	2.5	10.5
docked	2.1	6.8
member	**2.2**	**11.0**
electric	2.5	13.5
docked	2.1	10.0
Grand Total	**2.2**	**9.9**

Avg Trip performance

Legend:
- Average of T
- Average of F
- Average of T

X-axis: electric, docked (casual) | electric, docked (member)

Ride Type and Riders

Ride Type
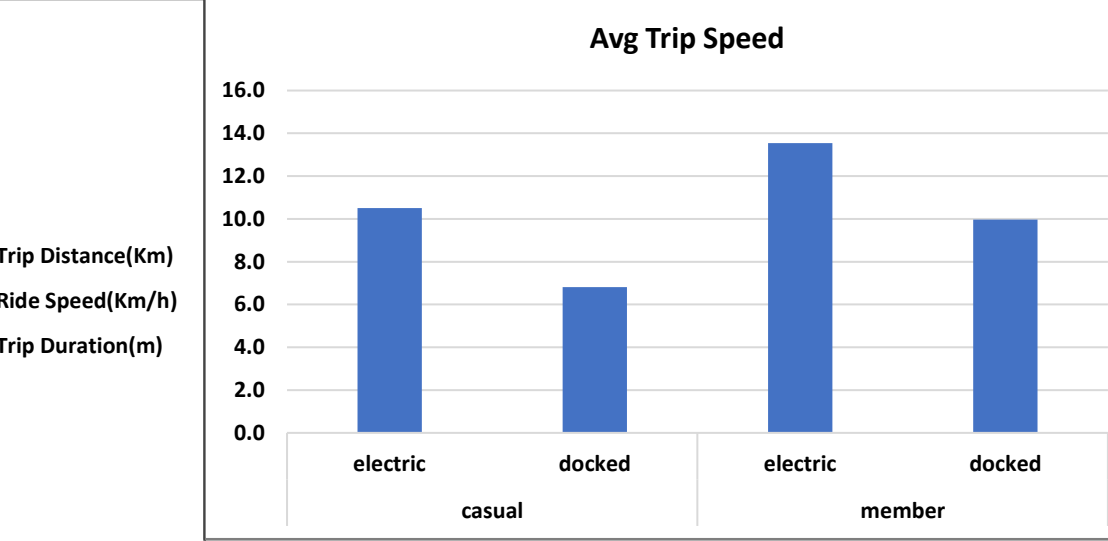- docked
- electric

The table and chat below has shown thet Electric Bike mem
While the Casual Docked users ride the slowest average spe

| Start Date | (All) |
| Start Station ID | (All) |

Average of Trip Duration(m)		Row Labels	Avg of Ride Speed(Km/h)
31.4		**casual**	**8.1**
19.6		electric	10.5
37.7		docked	6.8
18.4		**member**	**11.0**
12.2		electric	13.5
20.8		docked	10.0
23.1		**Grand Total**	**9.9**

Avg Trip Speed

Trip Distance(Km)
Ride Speed(Km/h)
Trip Duration(m)

16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0

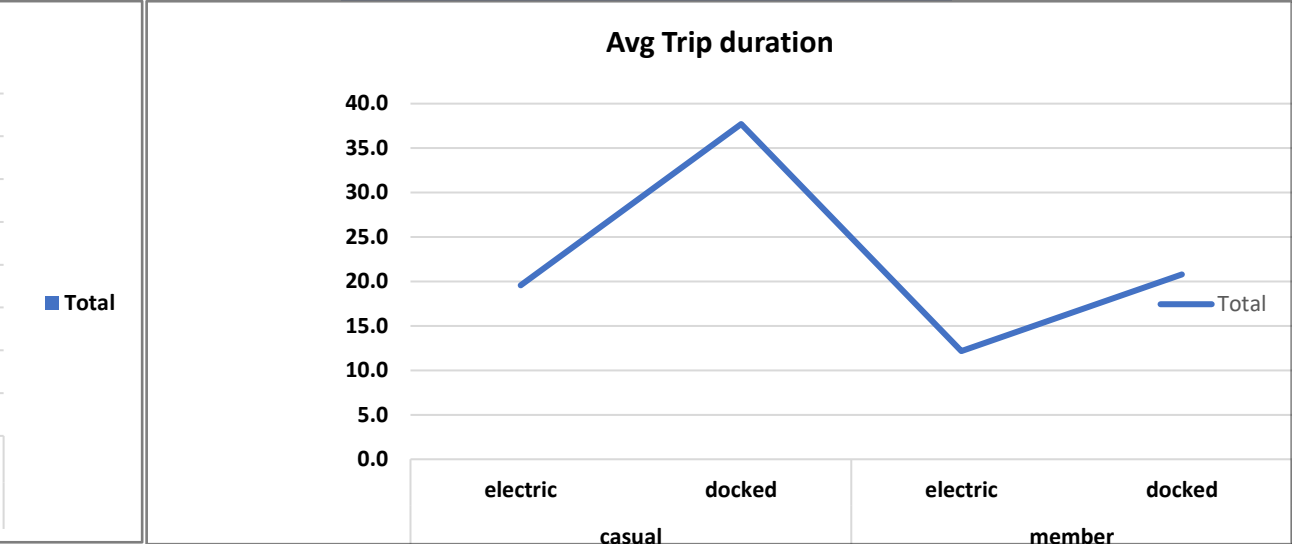| electric | docked | electric | docked |
| casual | | member | |

Ride Type

docked

electric

nber users have the highest average speed performance at the lowest average time duration to travel on lon
eed on the average longest time duration but trave a longer average trip distance than the member docked

Start Date	(All)
Start Station ID	(All)

Row Labels	Average of Trip Duration(m)
casual	**31.4**
electric	19.6
docked	37.7
member	**18.4**
electric	12.2
docked	20.8
Grand Total	**23.1**

Avg Trip duration

■ Total

Total

electric	docked	electric	docked
casual		member	

Ride Type

docked

electric

igest average trip distance, in comparison to other ride users

Start Date	(All)
Start Station ID	(All)

Row Labels	Average of Trip Distance(Km)
casual	2.3
electric	2.5
docked	2.1
member	2.2
electric	2.5
docked	2.1
Grand Total	2.2

Avg Trip Distance
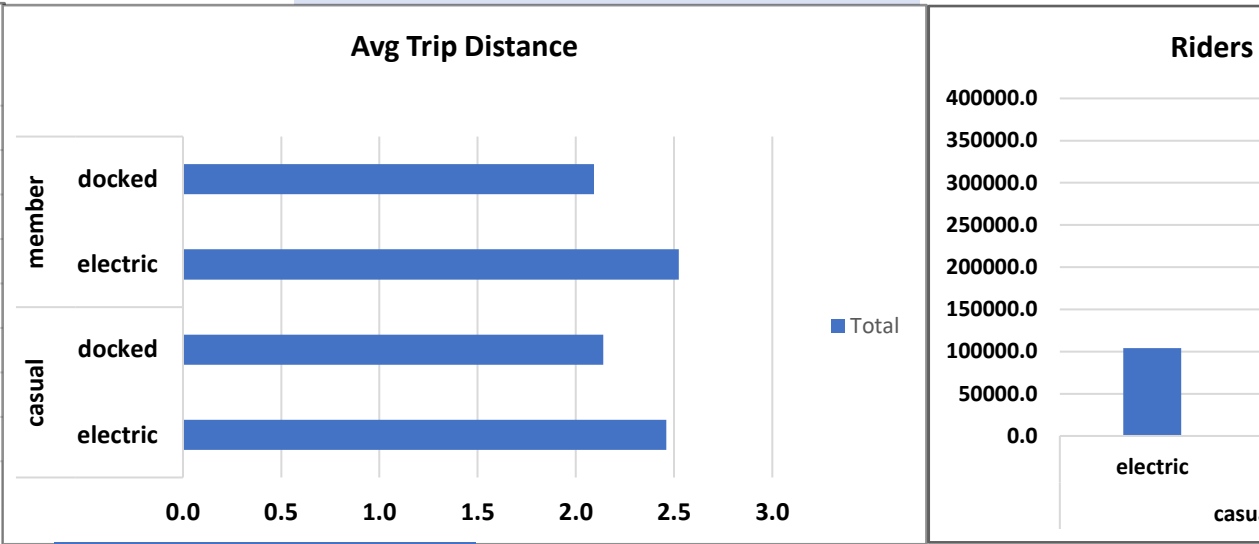
Riders

Total

Ride Type

docked

electric

Start

10/1
10/2
10/3
10/4
10/5
10/6
10/7
10/8

According to the total performance across Bike Type/ Riders,

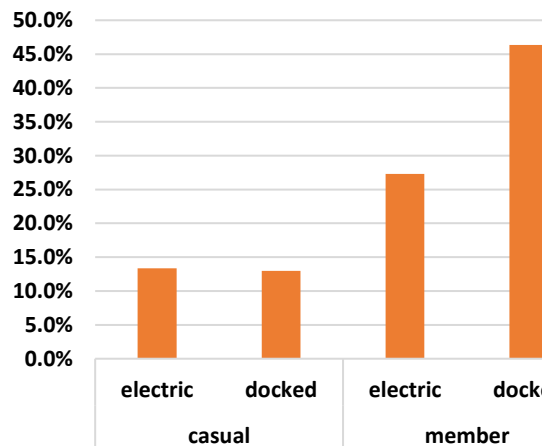**Overall Rider Category Performance: Members pool sum of (574,395.5) which** greatly outperform th

| Start Date | (All) |
| Start Station ID | (All) |

Row Labels	Sum of Numeric Performance
casual	**205435.3**
electric	104138.1
docked	101297.3
member	**574395.5**
electric	213043.7
docked	361351.8
Grand Total	**779830.8**

Total Trip Performance(Monthly)
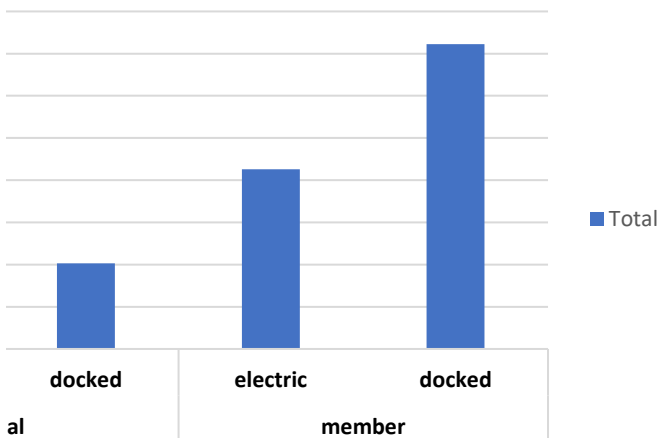
% Performance

Date

1/2020
2/2020
3/2020
4/2020
5/2020
6/2020
7/2020
8/2020

Ride Type

docked
electric

Start Station ID

2
3
4
5
6
7
9
11

he Casual riders who pool the sum of (205,435.3).

Start Date	(All)
Start Station ID	(All)

Row Labels	% Performance
casual	**26.3%**
electric	13.4%
docked	13.0%
member	**73.7%**
electric	27.3%
docked	46.3%
Grand Total	**100.0%**