

Rider Report Year 2022

Record Count

1,558

Timing Order Post

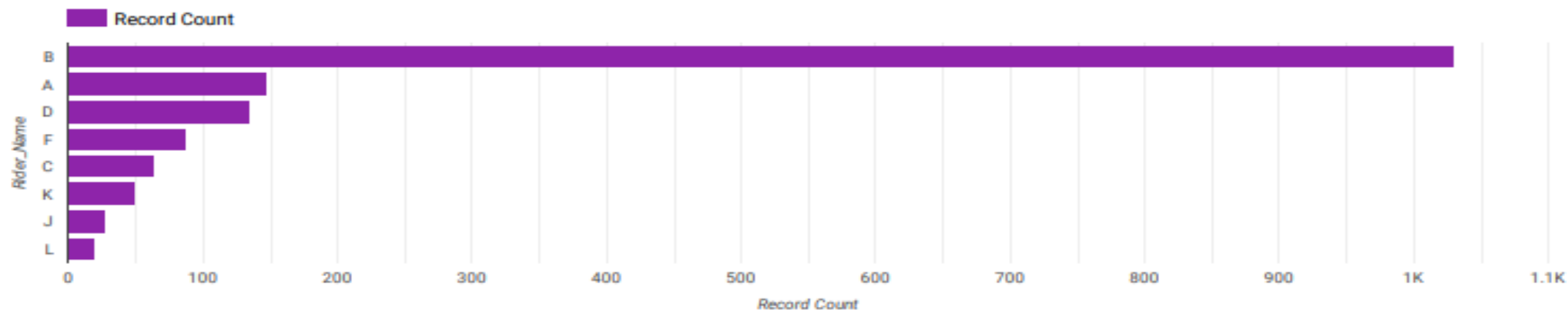
00:25:58

Start_Time

1,538

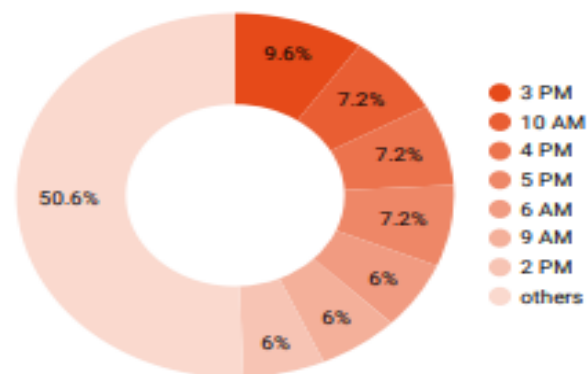
End_Time

1,529



	Order_Date	Assigned_Date	Rider_Name	Status	End_Date	Record Count
1.	3/7/2022 0:00	3/7/2022	B	Delivered	3/7/2022	105
2.	9/7/2022 0:00	9/7/2022	B	Delivered	9/7/2022	102
3.	2/7/2022 0:00	2/7/2022	B	Delivered	2/7/2022	101
4.	14/7/2022 0:00	14/7/2022	B	Delivered	14/7/2022	88
5.	10/7/2022 0:00	10/7/2022	B	Delivered	10/7/2022	88
6.	11/7/2022 0:00	11/7/2022	B	Delivered	11/7/2022	83
7.	8/7/2022 0:00	8/7/2022	B	Delivered	8/7/2022	79
8.	1/7/2022 0:00	1/7/2022	B	Delivered	1/7/2022	79
9.	4/7/2022 0:00	4/7/2022	B	Delivered	4/7/2022	77

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Rider Analysis July.2022

Order Transaction Heatmap

Weekday/ weekend

	Hour																								
Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Mon	0	0	0	0	0	4	15	24	32	25	30	16	23	24	17	21	24	34	32	28	17	0	0	0	
Tue	0	0	0	0	0	0	3	5	5	6	8	9	5	5	8	7	6	8	4	11	8	0	0	0	
Wed	0	0	0	0	0	5	7	19	18	11	13	14	19	13	6	16	22	17	25	19	7	0	0	0	
Thu	0	0	0	0	0	3	7	7	17	15	17	10	7	12	7	18	13	19	14	19	14	0	0	0	
Fri	0	0	0	0	0	1	6	14	15	20	11	11	11	10	13	10	22	21	14	17	11	0	0	0	
Sat	0	0	0	0	0	2	0	7	7	8	5	9	5	9	4	4	12	12	13	7	3	0	0	0	
Sun	0	0	0	0	0	1	3	3	11	10	9	7	2	5	3	2	8	7	14	5	3	0	0	0	

Rider Analysis July.2022

Optimization Rider

Lead by	Order/Day	Take Time (min)	Rider (Person)	Workload (min)	Transcation in 8 hour	Actual Ttransaction	Delivery Gap
Actual	52	45	8	480	10.7	6.5	4.2
Scenario_1	52	45	6	480	10.7	8.7	2.0
Scenario_2	52	45	5	480	10.7	10.4	0.3

Lead by	Shift	Manday
Actual	A	3
	B	3
	C	2
Scenario_1	A	2
	B	2
	C	2
Scenario_2	A	2
	B	2
	C	1

Conclusion

1. Average delivery time per rider = 45 min./order
2. Assumption of rider work as below
 - 8 hr./day
 - 6 days/week
3. Total order = 1,558 orders. Assumption of working day is 30 day per month. Hence, order/day = 52 order/day
4. Then Actual Transaction from Scenario_1 and 2 is 8.7 order/day and 10.4 order/day Capacity as 10.7 order/day
5. Man-day saving compared to Actual for Scenario_1 and Scenario_2 are 2 and 3 person respectively and working day is still the same.

Date	Day	05:30 - 13:30	13:30 - 21:30	Stop Working
1/7/2022	Mon	A	B	
2/7/2022	Tue	A	B	C
3/7/2022	Wed	A,C	B	
4/7/2022	Thu	C	B	A
5/7/2022	Fri	C	B,A	
6/7/2022	Sat	C	B,A	
7/7/2022	Sun	C	A	B
8/7/2022	Mon	C,B	A	
9/7/2022	Tue	B	A	C
10/7/2022	Wed	B	A,C	
11/7/2022	Thu	B	C	A
12/7/2022	Fri	B,A	C	
13/7/2022	Sat	A	C	
14/7/2022	Sun	A	C	B
15/7/2022	Mon	A	C	
16/7/2022	Tue	A	B	C
17/7/2022	Wed	A,C	B	
18/7/2022	Thu	C	B	A
19/7/2022	Fri	C	B	
20/7/2022	Sat	C	B,A	
21/7/2022	Sun	C	A	B
22/7/2022	Mon	C,B	A	
23/7/2022	Tue	B	A	C
24/7/2022	Wed	B	A,C	
25/7/2022	Thu	B	C	A
26/7/2022	Fri	B,A	C	
27/7/2022	Sat	A	C	
28/7/2022	Sun	A	C	B
29/7/2022	Mon	A	C,B	
30/7/2022	Tue	A	B	C
31/7/2022	Wed	A,C	B	

Date	Day	05:30 - 13:30	08:00 - 16:00	13:30 - 21:30	Stop Working
1/7/2022	Mon	A	C	B	
2/7/2022	Tue	A		B	C
3/7/2022	Wed	A	C	B	
4/7/2022	Thu	A	C	B	
5/7/2022	Fri	A	C	B	
6/7/2022	Sat		C	B	A
7/7/2022	Sun		C	A	B
8/7/2022	Mon	B	C	A	
9/7/2022	Tue	B		A	C
10/7/2022	Wed	B	C	A	
11/7/2022	Thu	B	C	A	
12/7/2022	Fri	B	C	A	
13/7/2022	Sat	B	C		A
14/7/2022	Sun	A	C		B
15/7/2022	Mon	A	C	B	
16/7/2022	Tue	A		B	C
17/7/2022	Wed	A	C	B	
18/7/2022	Thu	A	C	B	
19/7/2022	Fri		C	B	
20/7/2022	Sat		C	B	A
21/7/2022	Sun		C	A	B
22/7/2022	Mon	B	C	A	
23/7/2022	Tue	B		A	C
24/7/2022	Wed	B	C	A	
25/7/2022	Thu	B	C	A	
26/7/2022	Fri	B	C	A	
27/7/2022	Sat	B	C		A
28/7/2022	Sun	A	C		B
29/7/2022	Mon	A	C	B	
30/7/2022	Tue	A		B	C
31/7/2022	Wed	A	C	B	