

delivery_mode

weather

traffic_level

Total order

200

Avg Delivery Time (min)

44.74

Avg Distance (km)

6.62

Avg Speed (km/h)

9.33

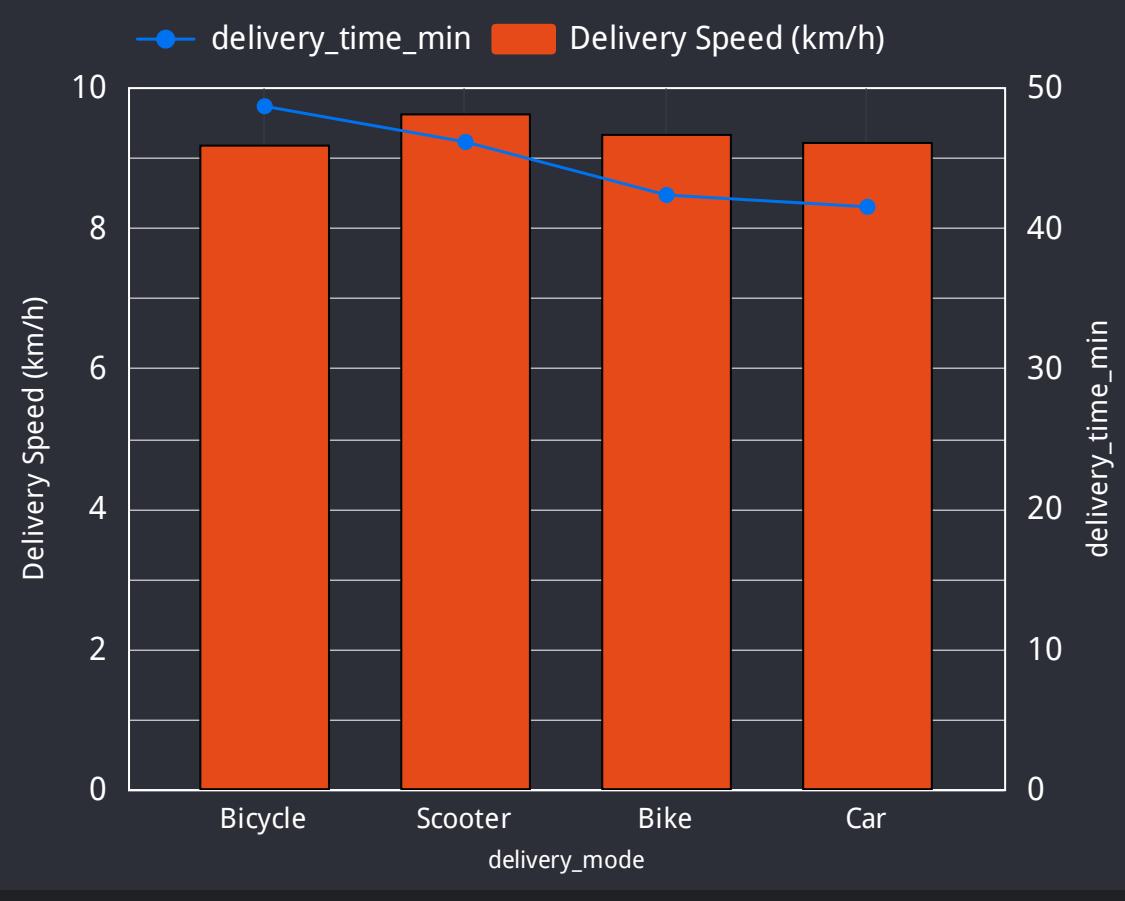
Avg Efficiency Ratio

0.82

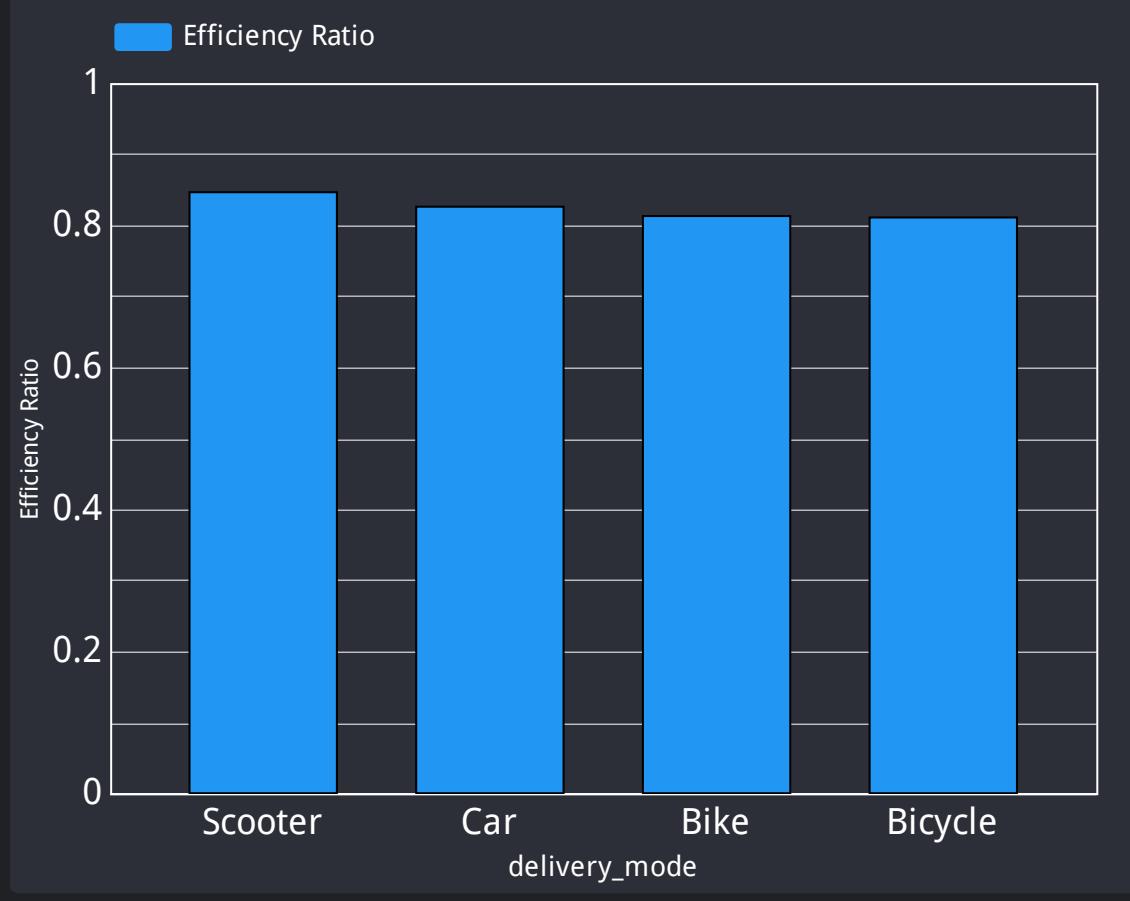
Key Takeaways

- Scooters deliver 31% more efficiently than bicycles**
- High traffic adds ~18 min per delivery**
- Worst combo: Bicycle + Rainy + High traffic → only 6-7 km/h**

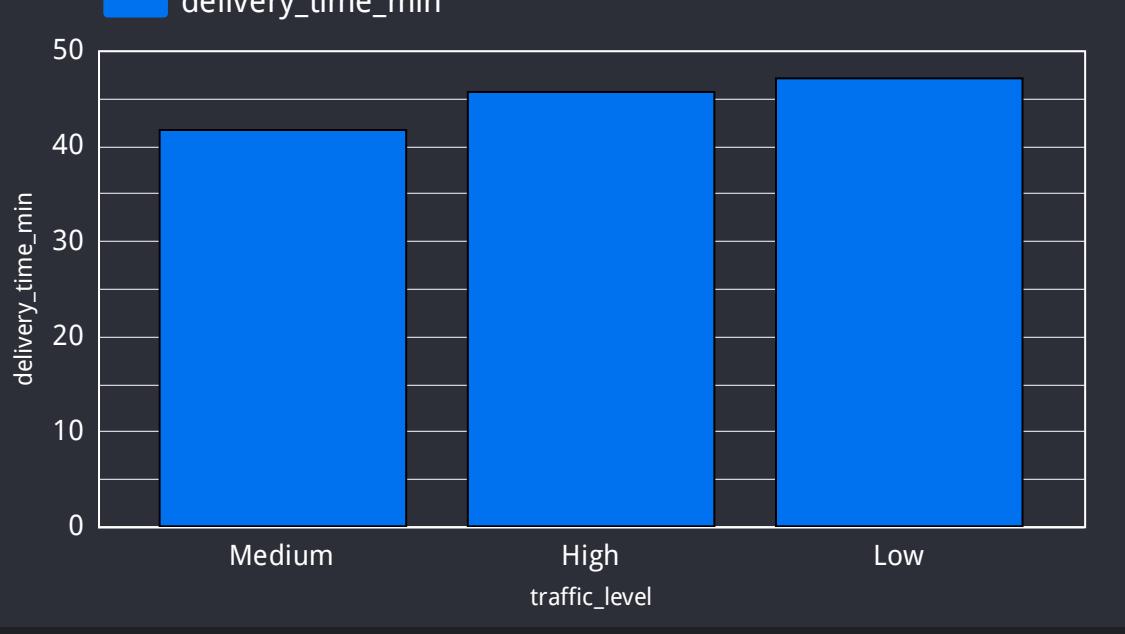
Average Delivery Time & Speed by Delivery Mode



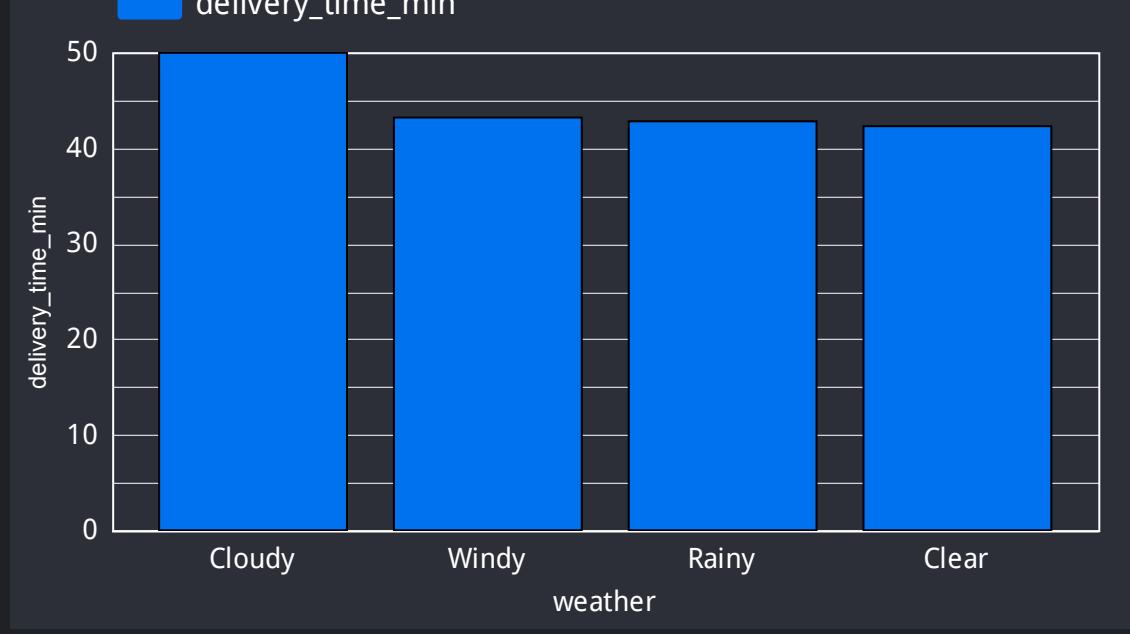
Route Efficiency Ratio by Delivery Mode



Average Delivery Time by Traffic Level



Average Delivery Time by Weather

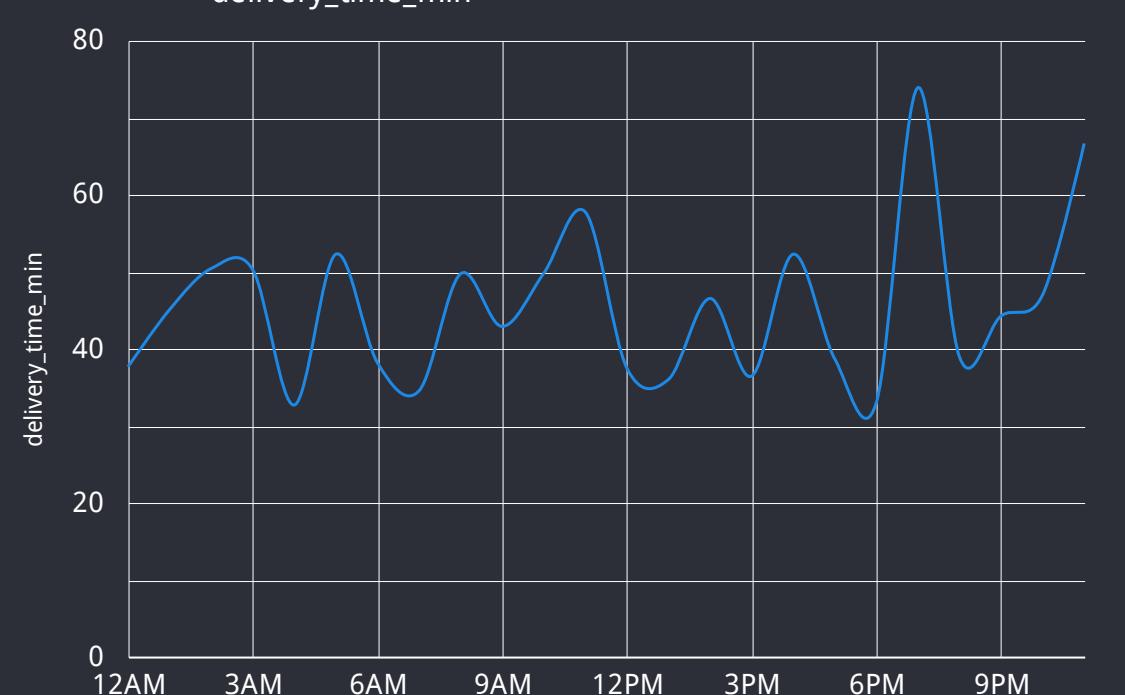


Delivery Speed (km/h) by Weather & Traffic Combination

Index	weather	traffic_level	Delivery Speed (km/h)
1.	Clear	Medium	10.31
2.	Cloudy	High	9.71
3.	Clear	High	9.7
4.	Rainy	High	9.68
5.	Windy	High	9.46
6.	Rainy	Medium	9.32
7.	Rainy	Low	9.3
8.	Windy	Medium	9.26
9.	Windy	Low	9.11
10.	Cloudy	Medium	8.96
11.	Clear	Low	8.88
12.	Cloudy	Low	8.64

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Average Delivery Time by Hour of Day



Number of Orders by Date

