

Overview Dashboard

Delivery Partner performance

Factors Affecting Delay

Customer demands & Peak hours

Predict late deliveries & Next 5 Week Forecast

Delivery Performance Overview

City

Metropolitan

Semi-Urban

Urban

Festival

No

Yes

Total Deliveries

41K

Average Delivery time

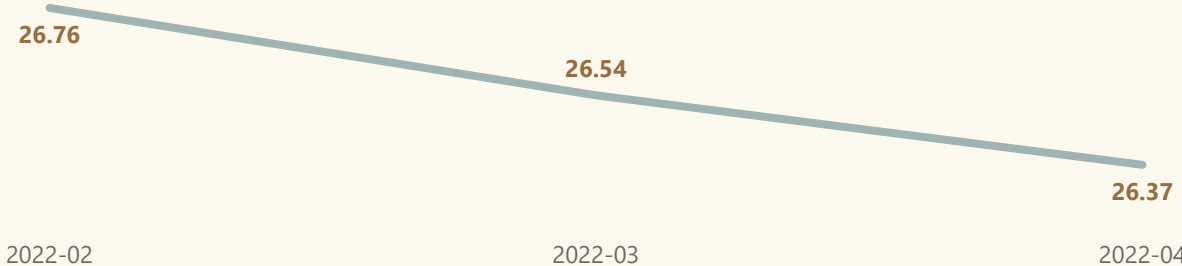
26.55

Average Rating

4.63

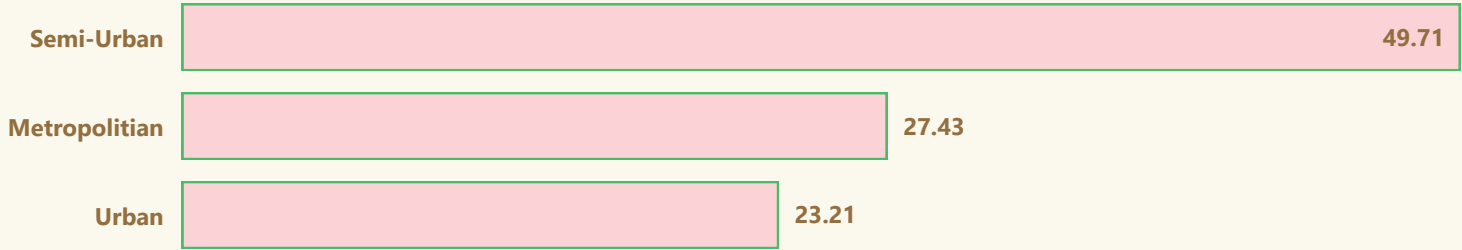
Average Delivery Time Trend

Last 3 Months



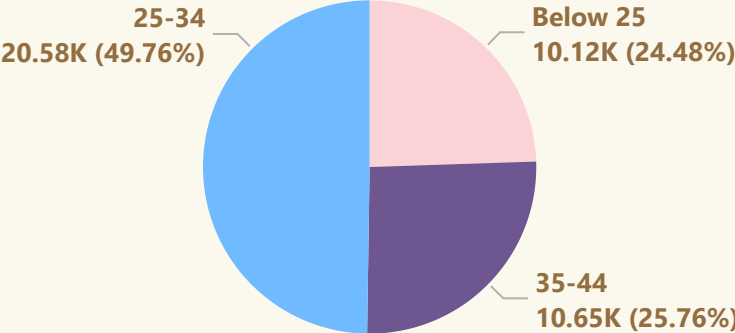
Average Delivery Time by City

Last 3 Months



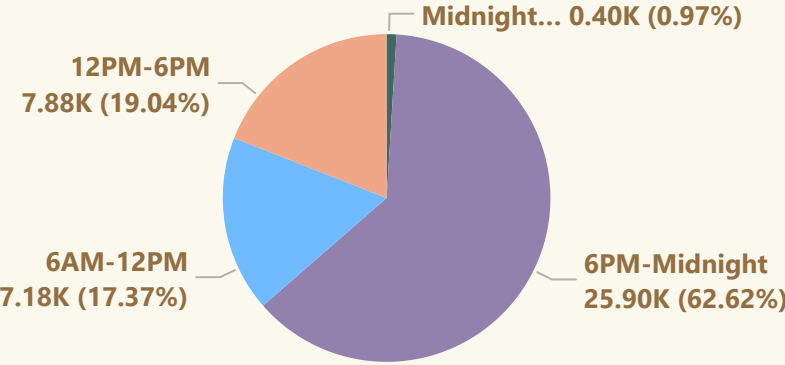
Delivery Efficiency Across Age Groups

Younger age groups tend to deliver faster



Deliveries by Time Segment

Majority of Orders Placed Between 6 PM and Midnight



Delivery Partner Performance

City

Metropolitan

Semi-Urban

Urban

Total Orders

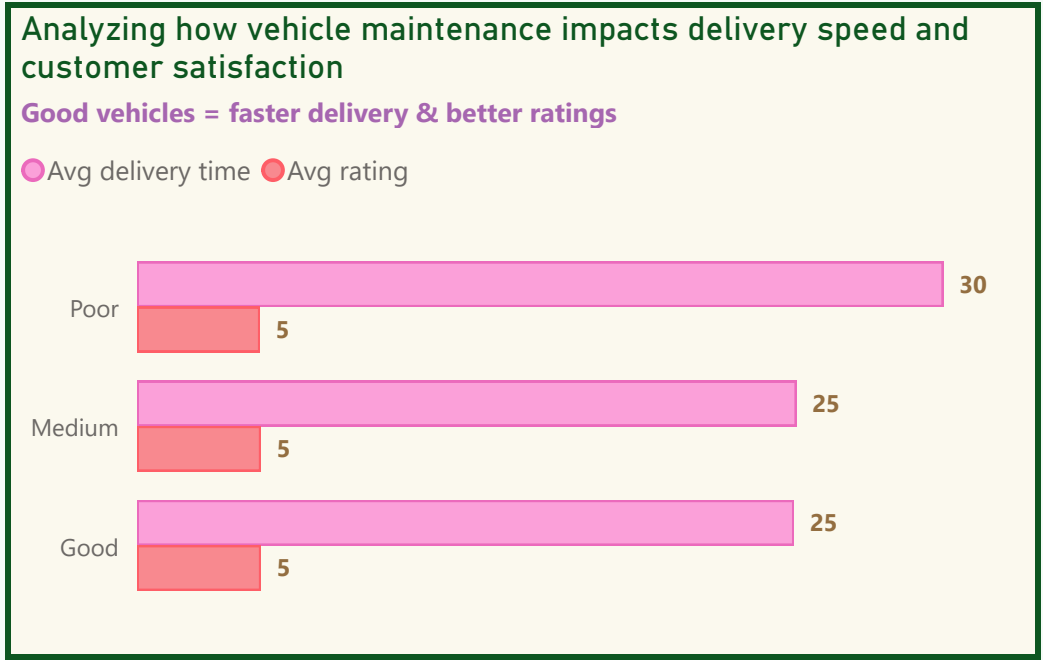
Late

On-Time

41.36K

30.60%

69.40%



Festival

No

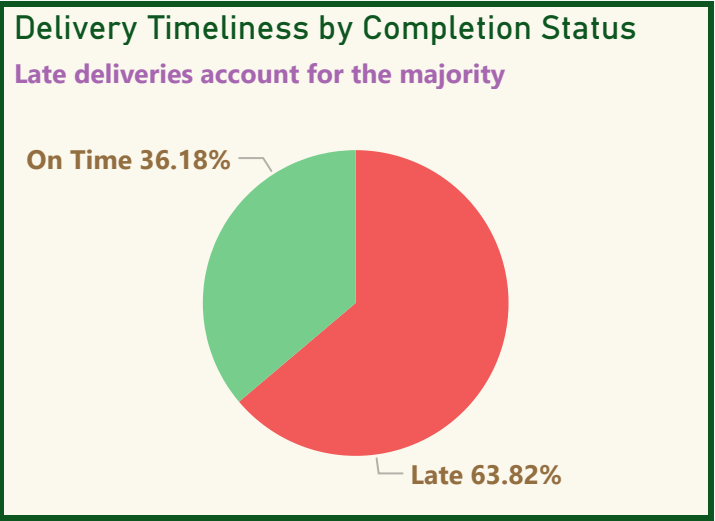
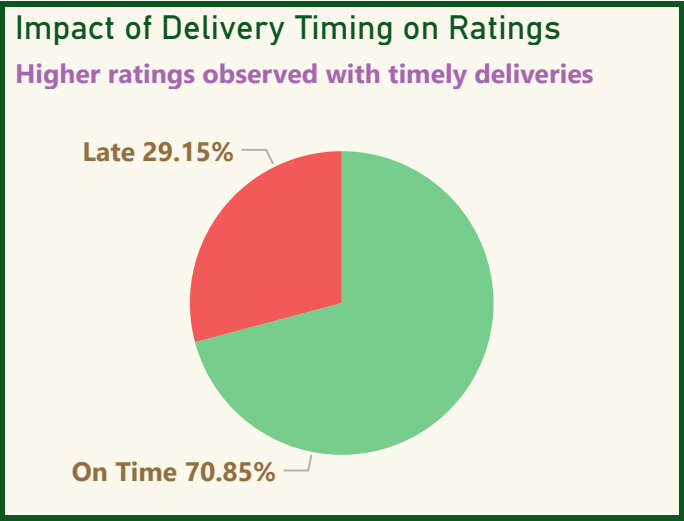
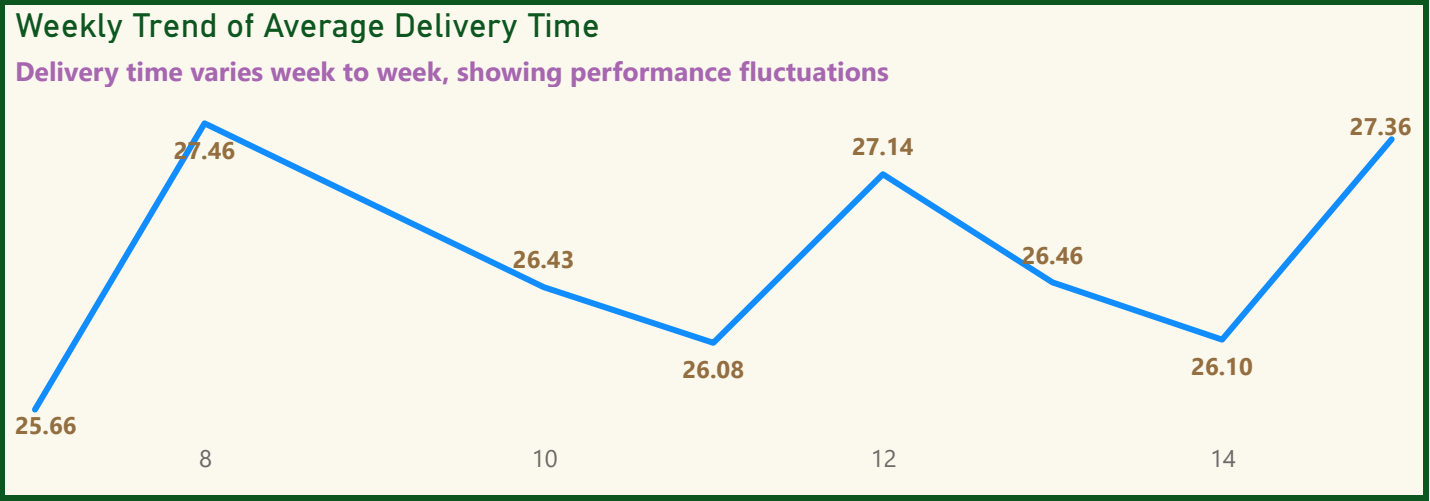
Yes

Type_of_vehicle

electric_scooter

motorcycle

scooter



Factors Affecting Delay

City

Metropolitan

Semi-Urban

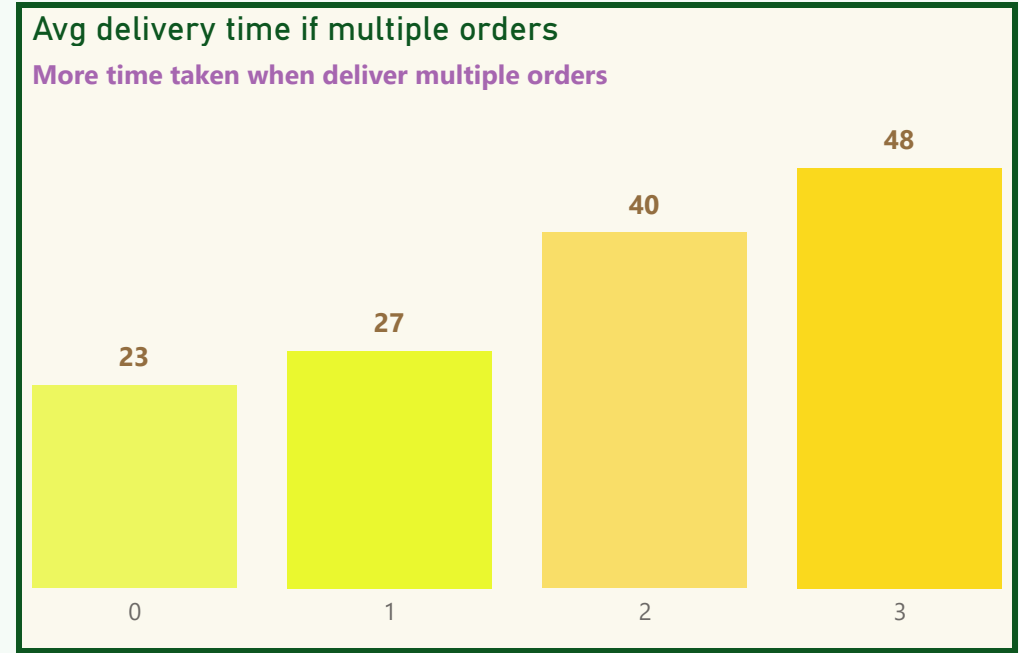
Urban

Total Orders

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Late

30.60%



Festival

No

Yes

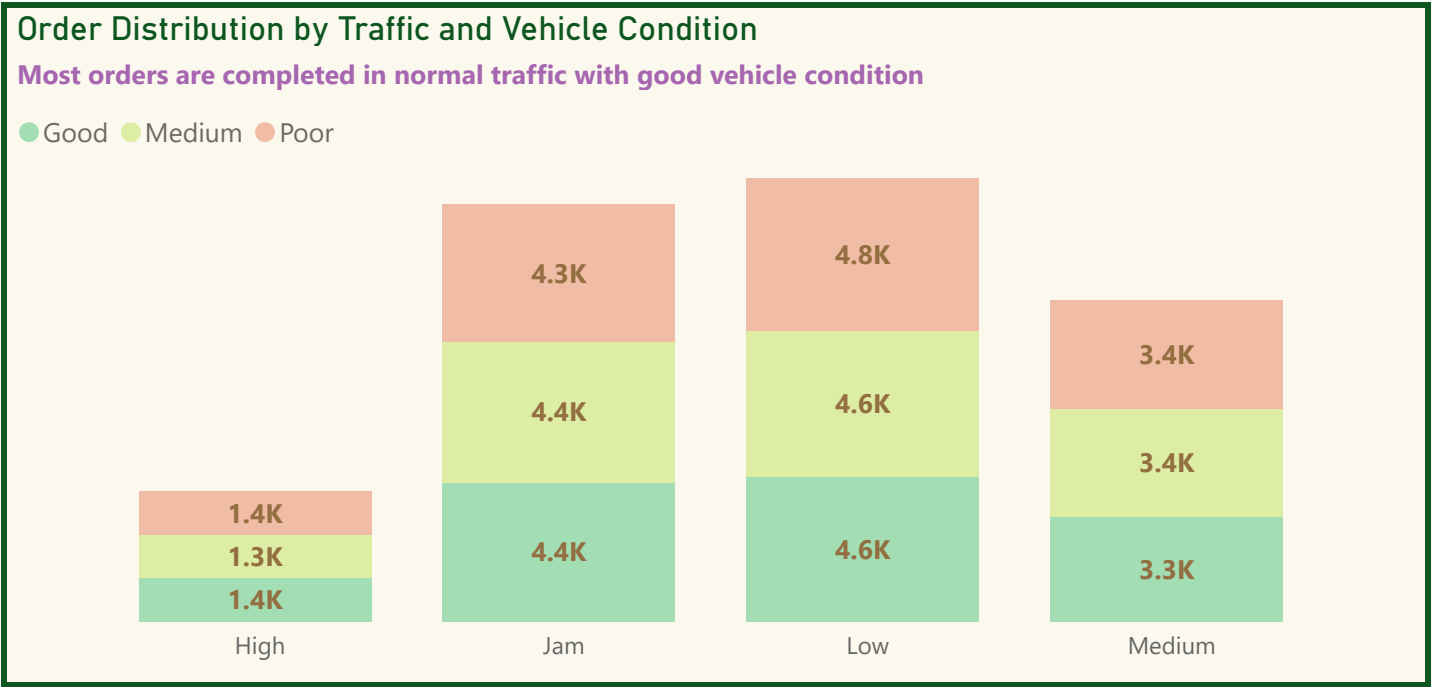
Type_of_vehicle

electric_scooter

motorcycle

scooter

Avg Delivery Time by Traffic & Weather						
Road_traffic_density	Cloudy	Fog	Sandstorms	Stormy	Sunny	Windy
Medium	28.73	28.30	27.85	27.76	20.45	27.93
Low	22.43	22.50	20.52	20.84	21.72	20.94
Jam	36.76	36.88	30.20	30.14	23.38	30.36
High	29.06	28.46	27.89	27.95	23.74	27.22



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Festival

No

Yes

Time_Bucket

12PM-6PM

6AM-12PM

6PM-Midnight

Midnight-6AM

City

Metropolitan

Semi-Urban

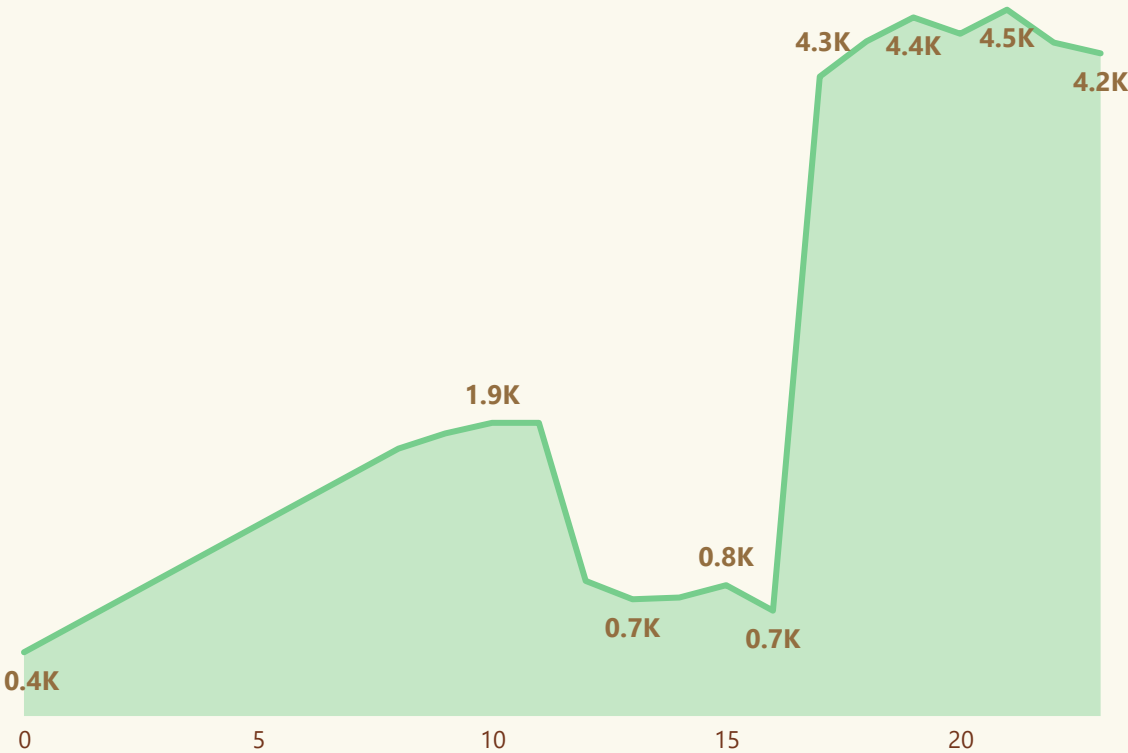
Urban

Total Orders

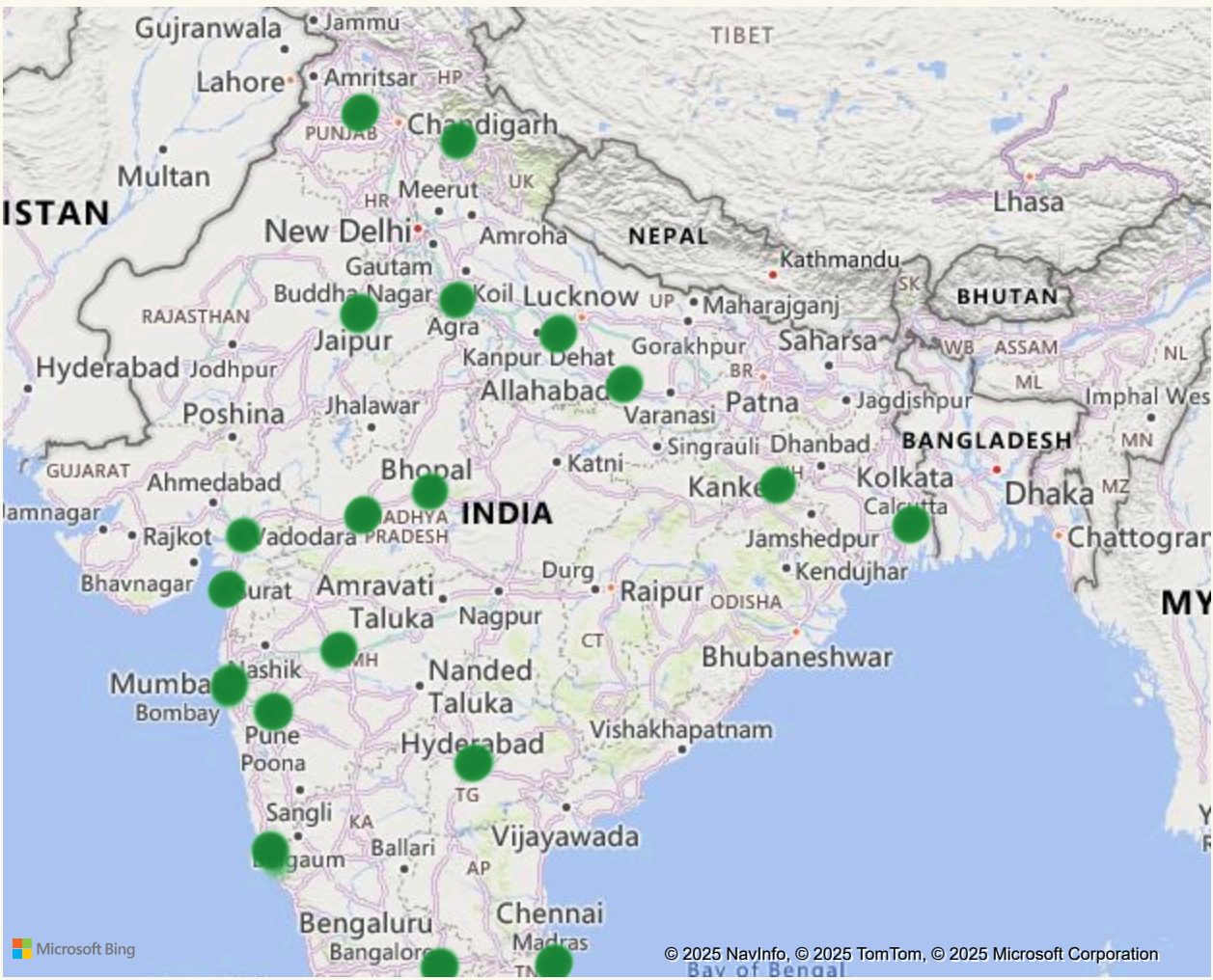
41.36K

Hourly Distribution of Orders

In Evening most order are placed



High Demand Area



Predict Late Deliveries & Next 5 Week Forecast

Type_of_vehicle

electric_scooter

motorcycle

scooter

City

Metropolitan

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Urban

Festival

No

Yes

Time_Bucket

12PM-6PM

6AM-12PM

6PM-Midnight

Midnight-6AM

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Late

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On-Time

69.40%

When and Where Delays Happen: Traffic vs Time Analysis

Time_Bucket	High	Jam	Low	Medium
Midnight-6AM			22.35	
6PM-Midnight		31.40	22.68	27.46
6AM-12PM	27.43		19.70	
12PM-6PM	27.39			26.42

Top Delay Scenarios: Combined Impact of Traffic, Weather & Timing

Risk_Combo	Late_Percentage	Total Deliveries
6PM-Midnight Jam Fog	76.36%	2305
6PM-Midnight Jam Cloudy	75.30%	2190
6PM-Midnight Medium Cloudy	56.22%	756
6PM-Midnight Jam Windy	46.38%	2199
6PM-Midnight Jam Sandstorms	45.28%	2215

