Filters

Order Filters

Select Product Category:

Industrial × Fashion × Food & B… × Electronics ×

Select Delivery Priority:

Express × Economy × Standard ×

This app was created for the **Logistics Innovation Challenge**.

NexGen Prescriptive Dispatch Optimizer

An AI-powered tool to recommend the optimal vehicle for each order, balancing **Cost**, **Time**, and **Sustainability**.

1. Select an Order and Set Optimization Priorities

Choose an Order ID:

ORD000001

Details for ORD000001

Product

Industrial

Route

Kolkata ➔ Hy…

Required

Standard

Set Your Priorities:

Importance of Cost

0.50

Importance of Speed

0.30

Importance of Sustainability

0.20

Optimize Dispatch for ORD000001

Recommendation

Best Vehicle: VEH0045 (Express_Bike)

Optimization Score	Predicted Cost	Predicted Time	Predicted CO2
0.00	$68.46	3.1 hours	13.4 kg

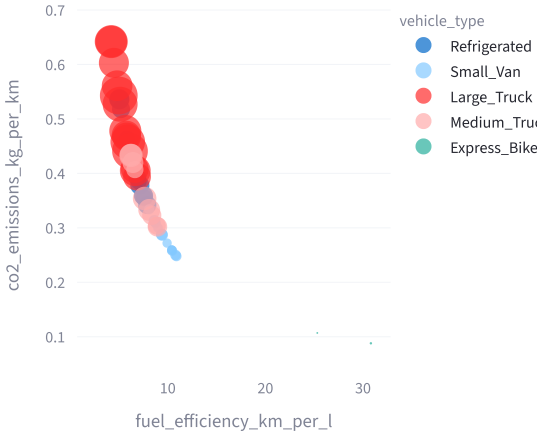
All Suitable Options (Sorted by Score)

	vehicle_id	vehicle_type	optimization_score	predicted_cost	predicted_time_hours	predicted_co2_kg	capacit
44	VEH0045	Express_Bike	0	68.46	3.05	13.43	
47	VEH0048	Express_Bike	0.02	70.08	3.05	16.33	
31	VEH0032	Small_Van	0.2	82.05	3.05	37.84	
27	VEH0028	Small_Van	0.21	82.23	3.05	38.15	
26	VEH0027	Small_Van	0.22	82.94	3.05	39.37	
1	VEH0002	Small_Van	0.22	83.02	3.05	39.52	
23	VEH0024	Small_Van	0.22	83.04	3.05	39.67	
21	VEH0022	Small_Van	0.23	84.09	3.05	41.5	
34	VEH0035	Small_Van	0.25	85.33	3.05	43.79	
4	VEH0005	Small_Van	0.25	85.44	3.05	43.95	

2. Analytics Dashboard

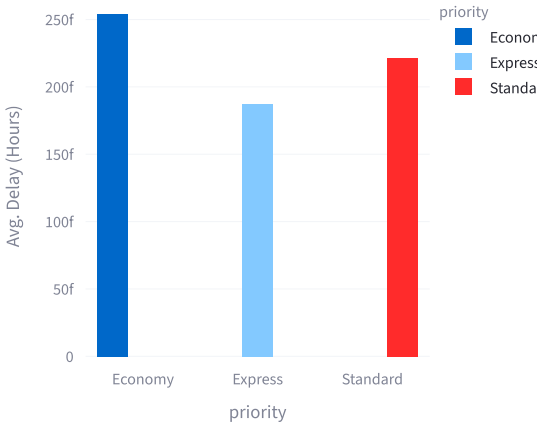
Vehicle Fleet: Efficiency vs. Emissions

Vehicle Efficiency vs. CO2 Emissions



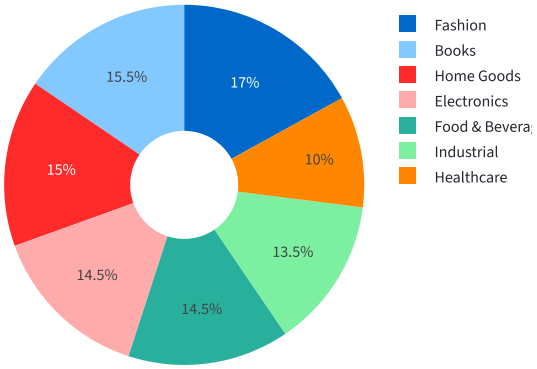
Average Delivery Delay by Priority

Average Delivery Delay (hours)



Order Volume by Product Category

Share of Orders by Product Category



Distribution of Delivery Costs by Carrier

Delivery Cost Distribution by Carrier

3. Export Filtered Data

Download Filtered Data as CSV