

Bolt Report

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Introduction

This report identifies and addresses key delivery inefficiencies in Bolt's Delivery vertical to enhance operational efficiency and improve delivery speed.

Business case

1. **Faster Delivery Times:** Improves customer satisfaction.
2. **Higher Order Capacity:** Allows couriers to handle more orders, boosting revenue without extra costs.
3. **Cost Savings:** Reduces operational costs like fuel and labor, improving profit margins and Improves resource allocation and operational efficiency.

Requirements definition

Real-Time Traffic-Based Dynamic Routing: Implement a feature that adjusts delivery routes in real-time based on current traffic conditions and estimated travel times. This would optimize routes for couriers, reducing both waiting times at the restaurant and travel time differences. By integrating traffic data, couriers can avoid congestion, leading to faster deliveries and improved efficiency.

Feature validation

1. **Collect Data:** Gather delivery metrics before and after feature implementation.
 2. **Define KPIs:** Average waiting time, travel time differences, and overall delivery time.
 3. **Analyze Metrics:** Compare pre- and post-implementation metrics.
 4. **Report Results:** Visualize improvements and summarize impact.
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