# Dashboard Pages

## Page 1: Overview

**Purpose**: To present an executive summary of overall performance (delivery, delays, costs, and risks).

|  |  |  |  |
| --- | --- | --- | --- |
| Chart Type | X | Y | Title |
| Card | Total shipments | — | Total shipments |
| Card | Measure On time delivery rate | — | On time delivery rate |
| Card | delay\_probability | — | Avg delay\_probability |
| Card | Avg risk\_score | — | Avg risk score |
| Line Chart | date | delay\_probability | Daily Delay Probability Trend |
| Column Chart | delay\_category | Count | Delay Categories Breakdown |
| Donut Chart | risk\_classification | Count | Risk Classification Distribution |
| Line Chart | month | shipping\_costs | Monthly Shipping Cost Trend |

## Page 2: Delivery & Delay Analysis

**Purpose**: To understand the causes and impact of delays and the delivery performance over time.

|  |  |  |  |
| --- | --- | --- | --- |
| Chart type | X | Y | title |
| Line Chart | Day of week | delivery\_time\_deviation | Delivery Time Deviation by Day of Week |
| Clustered Column | Hours | Count of delay category | Delay\_category by hour |
| Treemap | delay category | Congestion category  / total shipment | Impact of Traffic Congestion on Delivery Delays |
| Stacked Column | |  | | --- | | month |  |  | | --- | |  | | |  | | --- | | Count of delay category | | Monthly Evolution of Delay Categories |

## Page 3: Risk & Driver Behavior

**Purpose**: To analyze the impact of risks and driver behavior on delays.

|  |  |  |  |
| --- | --- | --- | --- |
| Charts type | X | Y | Title |
| Scatter Plot | Risk classification | Delay probability | Delay Probability by Risk Level |
| Bar Chart | Risk classification | Driver behavior level/ count | |  | | --- | | Driver Behavior vs Risk Level |  |  | | --- | |  | |
| Line chart | Fatigue\_Level (new column) | Avg of delay probability | Fatigue impact on Delay |
| Clustered and line chart | Route risk | Delivery efficiency | Route Risk vs Delivery Efficiency |