Strategy Document: Metro Interstate Highway Infrastructure Study

Sign-off matrix:

Name	Team / Role	Date
Alex P. Rodriguez	VP of Operations	11/5/2024

Proposer: Melissa Slawsky, BI Analyst

Status: [Draft] > Under review > Implemented | Not implemented (Highlight current status)

Primary dataset: Metro Interstate – Traffic Volume (CSV file)

User Profiles: Alex P. Rodriguez, VP of Operations; Mathew A. Smith, Program Manager

Dashboard Functionality

Dashboard Feature	Your Request
Reference dashboard	N/A
Access	Internal Use: **Alex P. Rodriguez, VP** of **Operations** **Mathew A. Smith**, Program Manager
Scope	- Traffic volume over time - Traffic volume by weather conditions - Traffic volume by holiday
Date filters and granularity	Data includes 5.5 years of data (2019-2024) with hourly snapshots

Metrics and Charts

Chart 1

Chart Feature	Your Request
Chart title	Traffic Volume Over Time
Chart type	Line Graph
Dimension(s)	Time, Traffic Volume
Metric(s)	Time: By day, time, week, month, year Volume

Chart 2

Chart Feature	Your Request
Chart title	Traffic Volume vs. Weather Conditions
Chart type	Horizontal Bar Chart
Dimension(s)	Weather conditions, Traffic
Metric(s)	Traffic Volume

Chart 3

Chart Feature	Your Request
Chart title	Traffic Volume by Holiday
Chart type	Bubble Chart
Dimension(s)	Holiday, Traffic Volume
Metric(s)	Traffic Volume

Dashboard mockup:

Traffic Volume Over Time

Traffic Volume by Weather Conditions

Traffic Volume by Holiday