Strategy Document: Minnesota DOT

Proposer: Nolan Saraceni

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

Primary dataset: Minnesota Interstate Traffic Volume

Secondary dataset: n/a

User Profiles [Who is the intended audience for this dashboard? How do you expect them to use this dashboard?]

Josie Shoomr, Vice President of Minnesota DOT

Michael Knewly, Traffic Coordinator Minnesota DOT

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Dashboard Functionality

Dashboard Feature	Your Request
Reference dashboard (Should this dashboard be modeled on an existing dashboard? If so, provide a link and describe the similarity.)	Build a new dashboard to display the ending location, and aggregate location. This will show the volume of traffic
Access (How should access to the dashboard be limited? Who needs to have access?)	This will be interactive only for particular user with access
Scope (What data should be included or excluded in this dashboard?)	Data that is included will be, year, month, day, week, hr, traffic volume, weather, holiday traffic.
Date filters and granularity (Should the dashboard include date filters? If so, what time frame should be displayed by default? Should the dashboard include a "granularity" drop-down? If so, what granularity should be selected by default?)	Date filter should include year, month, week, date, hr, weather, holidays Granularity. All those who have access should be able to click and see a particular piece of information.

Metrics and Charts

Create a table for each chart that you'd like to include in the dashboard. If you'd like to break the dashboard under different headers, feel free to list those here as well.

Chart 1

Chart Feature	Your Request
Chart title	Total Traffic Volume
Chart type (What type of chart needs to be created?)	Heat map
Dimension(s) (What dimensions does this chart need to include?)	Date: YEAR, MONTH, WEEK, DAY, HR
Metric(s) (What metrics are relevant to this chart?)	Traffic volume, Date and Time

Chart 2

Chart Feature	Your Request
Chart title	Traffic Volume Including Weather
Chart type (What type of chart needs to be created?)	Histogram
Dimension(s) (What dimensions does this chart need to include?)	Date and Time, Weather (clouds, rain, snow)
Metric(s) (What metrics are relevant to this chart?)	Traffic Volume

Chart 3

Chart Feature	Your Request
Chart title	Holiday Traffic
Chart type (What type of chart needs to be created?)	Line -Bar chart
Dimension(s) (What dimensions does this chart need to include?)	Traffic volume, Holidays, Date and Time
Metric(s) (What metrics are relevant to this chart?)	Traffic volume