



Reading: Email from your supervisor: Chart design

Good morning!

Thank you again for taking on the Minnesota Department of Transportation dashboard project—I am confident that you will be able to help their team out with this!

Actually, I just had a call with our point-of-contact, Camila. I know that you're getting ready to design the charts for their dashboard, so I wanted to share some insights from her that might help you make some decisions for this project.

They have been specific about the three charts they're most interested in including for this dashboard:

- Traffic volume throughout the year; ideally organized by year, month, week, day, and hour
- Traffic volume in different weather conditions
- Traffic volume on different holidays

As you explore the dataset, there are a few specific columns that would be a good starting place for what data to include: `date_time`, `traffic_volume`, `weather_main`, and `holiday`. Camila also shared that you may need to create custom columns and filters to the dataset in order to get the metrics you need. She told me that's totally fine and you should feel free to work with the data however you think is best!

She and I also discussed what measures and dimensions should be represented in each chart. You probably have some ideas already, but here are some that Camila pointed to specifically in our call:

- Chart 1: Traffic Volume and Date Time
- Chart 2: Traffic Volume, Date Time, and Weather Main
- Chart 3: Traffic Volume, Date Time, and a custom measure for Holidays

Finally, just as a reminder: if you get stuck designing, remember to refer to the reading: **Design Resource Guide!**

Thank you again for all your help,

Jack Park

Team Supervisor
