**The requirements from the stakeholder**

I'm with the **Minnesota Department of Transportation**, and we're trying to find trends in traffic volume on the interstate.
**The goal** is to find out if we need to make any infrastructure changes, like adding or changing lanes, entrances, or exits. We want to have a dashboard that monitors the incoming traffic data. If we can find trends in the data, we can figure out what changes we should make. The dashboard should track a couple of key things. The most important chart will monitor the traffic volume throughout the year. It'd be great if you could organize that by year, month, week, day, and hour. It'll help us figure out where the patterns are. Another chart we'd like to have is one that compares the traffic volume to weather conditions. We want to better understand the weather's effect on traffic behavior. And finally, we want to know which holidays have the highest traffic volume. That might help us plan some infrastructure updates, so we don't have any lanes blocked off when they're needed the most. I'll also be sure to share these details and the data set with you right away. You'll get the traffic volume data set that includes data collected since 2012. This should be enough to demonstrate the key trends. That's all I have for you now. Your supervisor should have the rest of the details to help you get started. Thanks again for helping out on this.

# Prepare your project

In the previous video, the Minnesota Department of Transportation contacted you about building a dashboard to help their team monitor traffic patterns. Their goal is to learn more about:

- 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

Knowing traffic patterns under these conditions will help the team make important infrastructure decisions. These decisions will ensure that any construction in the future won't cause problems for drivers. In this reading, you're going to learn more about upcoming expectations for this project, what you'll be doing, and you will also receive important project planning documents to help guide your next steps.

# What to expect

Now that you've met with the stakeholders for this project to discuss expectations, you'll have the opportunity to start building your dashboard monitoring tool. This project is going to be a little different from other activities you have completed so far. While there will still be guided activities to help you achieve all of the project requirements, you will be primarily responsible for managing this project yourself. The goal is to explore how BI professionals work with stakeholders in an actual business environment and get an opportunity to practice responding to their needs throughout the project lifecycle. So, you will have a lot of freedom to work on this activity however you choose! This will also set you up for success as you move into the last phases of your end-of-course project.

Throughout this section, you will receive email correspondence from your supervisors and team members with helpful information, tips, and strategies for completing the project deliverables. Read these messages carefully for hints about how to complete the upcoming activities!

As you continue with this roleplay scenario, keep in mind that you can return to any of the previous materials to refresh your memory or check your understanding. And, if you run into any issues, remember that you can connect with fellow learners in the discussion forums to ask questions and problem-solve together!

# Coming up next

Once you have familiarized yourself with your stakeholders' requests and their expectations, you can move on to the next part of this project: designing the charts for your dashboard.