

Activity Exemplar: Iterate on your dashboard

Here is a completed exemplar along with an explanation of how the exemplar fulfills the expectations for the activity.

Completed Exemplar

To review the exemplar for this course item, click the following link.

Link to exemplar: [Minnesota Traffic Volume Dashboard with Edits](#)

OR

You can download the exemplar directly from the following attachment.

[Minnesota Interstate Traffic Volume.pdf](#)
[PDF File](#)

Assessment of Exemplar

Compare the exemplar to your completed activity. Review your work using each of the criteria in the exemplar. What did you do well? Where can you improve? Use your answers to these questions to guide you as you continue to progress through the course.

***Note:** The exemplar represents one possible way to complete the activity. Yours will likely differ in certain ways. What's important is that you apply your BI design knowledge and that the iterations on your dashboard address the requested changes from the scenario in this activity.*



In this activity, you iterated on the dashboard you made for your stakeholder. You made changes to your dashboard to address new stakeholder needs. In a professional setting, it's important to make the right decisions so that your iterations meet your stakeholder's evolving business needs.

This improved version of the dashboard addresses the new requests from your stakeholder. They want you to add a filter menu tile, add a download button, and focus on data from 2017 to present. It's up to you to decide how to add these features to your dashboard.

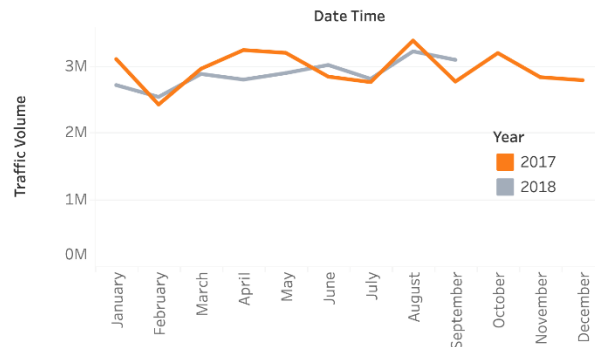
Minnesota Interstate Traffic Volume

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Timescale

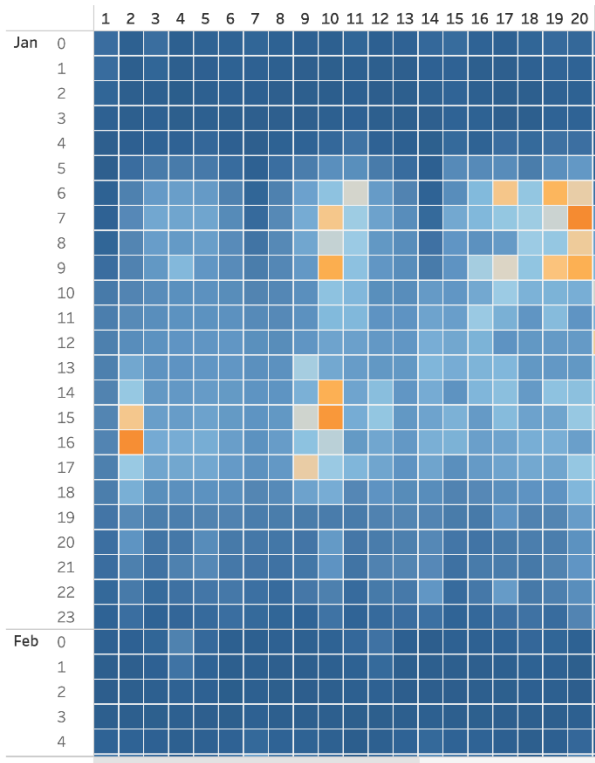
Last 7 years

Traffic Volumes: Month per Year

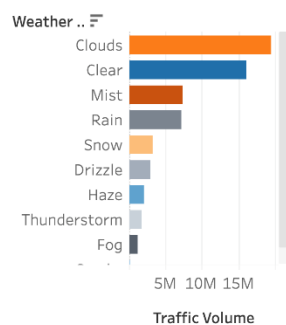


Traffic Volumes: Hours of the Day

Day of the month with hourly traffic breakdown



Traffic Volumes: Weather Type



Highest Traffic on National Holidays in the United States



First, you can add a filter menu tile. This tile should be placed at the top of your dashboard. Because it applies to the rest of the charts, you want to emphasize its importance.

The download button can be placed in one of the top or bottom corners. Some stakeholders might want to download a static version of the dashboard after they've viewed its current status. It might make the most sense to place it at the bottom of your dashboard, where your stakeholder will naturally end up. Alternatively, you might place it near the top of the dashboard if your stakeholder won't spend a lot of time viewing the dashboard. If your client wants to generate a report quickly to send it to another team member, it would be most helpful to place it near the top where it is quickly accessible.

Finally, focusing on data from 2017 to present could be accomplished with a simple filter in the visualization. There are many ways to only visualize data from a certain time, but a filter is the simplest way to do it. You can even accomplish this with the filter tile you added earlier.

When making dashboard iterations, you might be under a lot of pressure to make quick changes. In this situation, you need to be able to assess which changes are the quickest to implement.

Key takeaways

Now that you have iterated on your dashboard, you've completed the roleplay exercise. You started with a few stakeholder requests and created charts, a dashboard, and design edits to answer their business questions. In your role as a BI professional, you'll go through this process every time you create a visualization. Now that you've practiced these steps, you'll be prepared for the end-of-course project for this course and the professional projects you'll work on in your career.