



## Learning Log: Reflect on data visualization

### Instructions

You can use this document as a template for the learning log activity: Consider how data analysts approach tasks. Type your answers in this document, and save it on your computer or Google Drive.

We recommend that you save every learning log in one folder and include a date in the file name to help you stay organized. Important information like course number, title, and activity name are already included. After you finish your learning log entry, you can come back and reread your responses later to understand how your opinions on different topics may have changed throughout the courses.

To review detailed instructions on how to complete this activity, please return to Coursera: [Learning Log: Reflect on data visualization.](#)

<b>Date:</b> Jan/9/2023	<b>Course/topic:</b> Course 6: Share Data Through the Art of Visualization  <b>Learning Log:</b> Reflect on data visualization
<b>Data visualization in your daily life</b>	<p>Before you start writing your learning log entry, consider data visualizations you have encountered on your own.</p> <p>What kinds of visual representations of data have you seen in your daily life? What kind of data did they communicate?</p> <p><i>There are plenty of visual presentations that can be seen in my daily life. For instance, when I wake up, I see the timeline chart, growth, trend of news that they have visualized like "Growth of Economic in Thailand between year 2022 and 2023" using Line Graph to show trend and its progress. Moreover, there are some infographics that I have done in the university. When data becomes greater/harder, visualization soften the degree of complexity and allows more peoples to understand the context.</i></p> <p>Now, think about a project you've done in the past. Did you use a visual to tell a story about the project? What kind of data did it communicate?</p> <p><i>Absolutely yes, there are many projects that I use a visual to make the content become easier and more understandable for the readers. For instance, in the presentation of almost every project, there will be a history of the company or even the comparison between each year like "Growth Rates of Adolescent in Thailand between 2018-2023" in Line graph.</i></p>



Reflection:	Write 1-3 sentences (20-60 words) answering each of the following questions:
Questions and responses:	<ul style="list-style-type: none"><li>Which data visualizations have been particularly effective in communicating data? What do you think made them effective? <i>In my opinion, data visualization is suitable for visualizing content that is large, complex, and need a comparison. It can be any content that is hard to understand or takes time to read. Moreover, choosing types of charts is important because different types of graphs conveys/emphasizes different points.</i></li><li>Have you ever seen a data visualization that was very unclear or confusing? What do you think might have been the problem with it? <i>Yes, there is many confusing data visualizations. I think the main problem I found is that the visualization can be interpreted in many ways, and there are many causes such as lack of planning, lack of visualization experiences, unsuitable content (it might be easy and well-written enough to do the visualizations).</i></li><li>How do you think your visualizations might complement the data you'll work on? <i>I think the key is to make it covered (the key important context that you would like to convey) and accessible (easy to read and understand the context).</i></li></ul>