Name(s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  | **Student Worksheet - Data Visualization Scorecard** |  |
| --- | --- | --- |

## Rate it: From Good to Hilariously Bad

Making good data visualizations is hard work, even for so-called experts. Today you and a partner are going to **collaboratively review a collection of data visualizations**. Some are strong data visualizations that create a deeper understanding of the underlying data. Others are difficult to interpret or even just hilariously bad. Your job is to rate the quality of the visualizations and keep a few notes about why they are good or bad.

## Directions

You can find two collections of visualizations (“Collection A” and “Collection B”) on **Code Studio.** Choose either collection and go through each visualization. For each one:

* **Examine the visualization**, as well as any included text. What is it trying to communicate?
* **Discuss with a partner**: Is the visualization clear? Is it misleading? How could it be improved?
* **Rate the visualization** and make a short note about why you gave the rating you did.

Which collection are you looking at? (circle one) **Collection A Collection B**

| Number | Your Rating | Comments / Notes |
| --- | --- | --- |
| **1** | Great Good Bad Horrible |  |
| **2** | Great Good Bad Horrible |  |
| **3** | Great Good Bad Horrible |  |
| **4** | Great Good Bad Horrible |  |
| **5** | Great Good Bad Horrible |  |
| **6** | Great Good Bad Horrible |  |
| **7** | Great Good Bad Horrible |  |
| **8** | Great Good Bad Horrible |  |
| **9** | Great Good Bad Horrible |  |
| **10** | Great Good Bad Horrible |  |
| **11** | Great Good Bad Horrible |  |
| **12** | Great Good Bad Horrible |  |
| **13** | Great Good Bad Horrible |  |
| **14** | Great Good Bad Horrible |  |
| **15** | Great Good Bad Horrible |  |

##

## Best and Worst Visualizations

Choose the **best and worst** visualization from the list above.

## The Best One

* Which visualization was the best?
* What story or idea does it successfully convey?
* What specific aspects of this visualization makes it particularly effective?

##

##

##

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## The Worst One

* Which visualization was the worst?
* What story or idea do you think it is trying to convey?
* Why specific aspects of this visualization makes it particularly ineffective? Is it wrong? Misleading? Nonsense?

## Fix It (optional)

**Sketch** an outline of a better way to visualize the information from **the worst visualization**. **Briefly explain** why your suggestions would improve the visualization.