

Problemset

Pick one of the following resources, and solve the following exercises for the chosen resource.

1. [Congretional Budget Office: The 2023 Long-Term Budget Outlook](#)
2. [The Straits Times: How a divided Malaysia gave rise to Perikatan Nasional's 'teal tsunami'](#)
3. [Deutsche Welle: Flooding, Heat Waves, and Severe Storms: Can Cities Adapt?](#)

Notes:

- The first resource is much longer than the other ones, but you do not need to read the entire resource to answer the questions.
- Since your submission will only include text and images, a PDF is the preferred format for your submission.

Exercise 1

What is the **overall story** of the resource? Describe it concisely in your own words (max 100 words).

Exercise 2

Critically evaluate the **overall design of the resource** based on the “CRAP” Principles (contrast, repetition, alignment, and proximity). Note that you are not asked to focus on individual visualizations here but rather on the overall design, i.e. how visualizations and text are composed and organized.:

- Give examples of where and how your resource uses these principles effectively.
- Also, if applicable, give examples where and how the resource could improve in terms of these principles.

Exercise 3

Choose one visualization from your resource and work through the following aspects

Notes: (1) you may choose two visualizations if only the combination of two visualizations tells the full story. (2) Include a screenshot of the visualization in your submission.

- a) Describe in one sentence the main insight that the visualization conveys.
- b) Describe in a systematic way (bullet points, table, ...) the following aspects of the visualization:
 - Does it **focus attention** on a specific aspects of the data, and if so how?
 - Presence of **clutter**?
 - How are **text elements** used within the visualization?
 - Where does it follow the **CRAP** principles?
 - How is the visulization perceived by **color blind** people?
- c) How do you personally evaluate the chosen visualization? Justify your answer. It may be based on the above aspects or other aspects that you find important.