

Overview

Day	3
Name	Homework #3 Visualisation Makeover
Skills	critical overview, design, create, explain
Time	~ 3 hours
Submission	Via Moodle <i>any kind of submission (text, drawing ..) and file (.doc, .pdf ...)</i>

Practice

Let's do another makeover !

0 - Recommend tools

If you wish to explore a bit more the data, feel free to use the tools you want.

To make the visualisation, try to use the same tools we saw in class for the practice ([Datawrapper](#), [Infogram](#), [RAW](#)...) or use other tools, even pen and paper !

You might need to reshape / subset your data first.

1 - Read the context

Follow the link to the [2020 / Week 30 Make Over Monday](#) about political representation of women.

Have a look at :

- The visualisation (picture, png and/or pdf)
- The data dictionary
- The data

2 - Have a critical look at the visualisation

- First, use the **Dataviz Framework** and answer the question for the current charts as if you did create this visualization. It's not easy because you did not create this visualization yourself, but try to guess or imagine what the content could be.

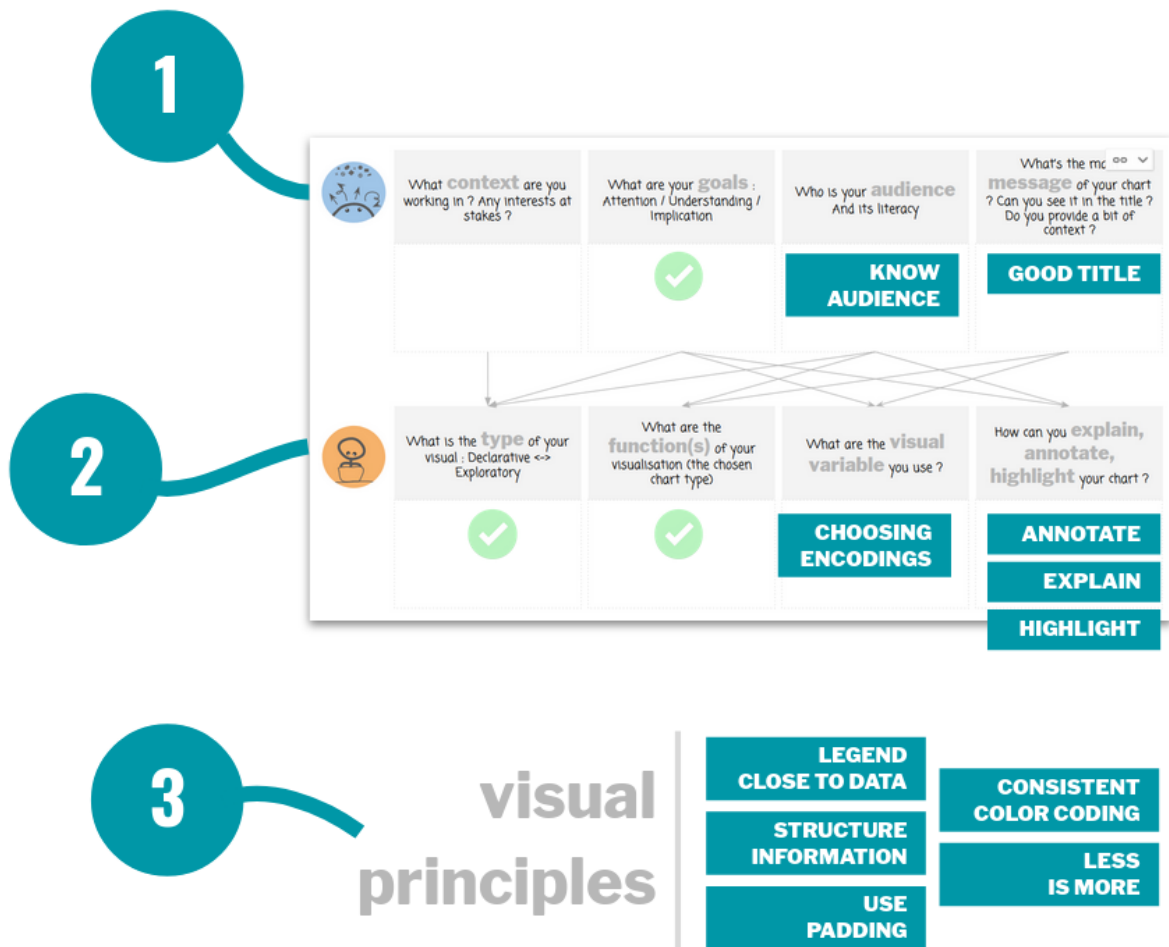
Dataviz Framework

Designing the visualisation

1. What **context** are you working in ? Any interests at stake ?
2. What are your **goals** : Attention / Understanding / Implication
3. Who is your **audience** their literacy and learning types, their needs
4. What's the main **message** of your chart or the **question** you are answering

Implementing the visualisation

1. What is the **type** of your visual : Declarative <=> Exploratory
 2. What are the **function(s)** of your visualisation (the chosen chart type)
 3. What are the **visual variables** you used ?
 4. How can you **explain, annotate, highlight** your chart ?
- Be reminded of the best practices we saw in class



What in your opinion works and what doesn't work in this chart ?

- *It could be Goals that are not met and why*
- *It could be the chosen charts, the encoding : does the visual variables have been well chosen according to your opinion*
- *It could be the overall representation : lack of structure, explanation*

- How can you make it better? List the ways you think this visualisation could be improved.

3 - Make a new proposition

There are several possible approaches here. You can choose to present the same overall data **or** also to **focus on a certain time frame / countries**.

You don't have to implement all the things you think can be improved, but at least some of them.

You can present one or more charts. You don't have to keep the same kind of chart (eg. you don't have to make a map).

4 - Reflect

When you are done, what do you think about your new proposition ?

What other improvements could you have made ?

What do you think are the most important ones (that bring the most improvements) ?

Why ?