

# TELLING DATA STORIES

A journey on how to become a Data Viz Pro

01

## What the hell is Data Viz?

Data visualization is the process of using visual elements such as charts, graphs, or maps to represent data. It translates complex, or numerical data into a visual representation that is easier to process.



02

## Putting Data on Maps

Use maps to show, e.g., the frequency of an earthquake in a certain area, the election results in a certain country or simply where you have traveled. R can be a good choice for visualization.

03

## Basic descriptive graphs

Start slowly with simple graphs like pie charts, bar charts and such. Learn how to work with data and tools like R and Python (better) to visualize it. Try to make the graphs accessible to everyone.

04

## Special descriptive graphs

Now that you're more comfortable with using data and tools it's time to create more complex graphs like heatmaps or dendrograms. Make a conscious decision about which graphs visualize your data best and which tools to use.

05

## Telling more with info viz

But there is so much more. Present your created graphs with the help of e.g. an infographic, which is often used for visual storytelling, and give the reader more background information about your project.

06

## Best practices

Take one last look at your graphs. Have you applied best practices? Can everyone understand your graph and is it accessible to all? If yes, then you are good to go. You did it! Keep up the good work.



Don't know  
where to start?

### 5 TIPS

to tell your next  
great data story

- get aware of what you want to show with your data
- find the type of chart that best represents your data
- find the best tool to create the chart
- get familiar with the tool in order to use it in the best way
- don't forget to make your chart and the content accessible to everyone

Find out more

For more information check out my

- Github [@YuriDevAT/telling-data-stories](https://github.com/YuriDevAT/telling-data-stories)
- Youtube [@yuridevat](https://www.youtube.com/@yuridevat)



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