**Assignment 1 for Geovisualization, summer semester 2025**

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**Goal:** Find and use your own dataset, or one of the three course dataset. Ask and answer questions from what we learned about “understanding your data”. Briefly summarise data with or without graphics.

***Detail:*** *describe your data by answering the following question:*

*What is the data about?*

*Where is the data from?*

*When was it collected?*

*What are the variability, uncertainty, and other context?*

To answer the question about variability of your data and display your data, the tools presented in the manual will be helpful.

If you cannot answer a question, analyse what consequences it may bring.

**Course Data:**

Three datasets will be used throughout the course. You are encouraged to find and use your own dataset to accomplish the exercises.

1) *birthrate and SID 1974* from **sf**

2) *world population, areas, life expectancy, regions, continents* from **spData**

3)*air pollution in DE and NL and other covariates averaged over 2017 (*<https://epub.uni-bayreuth.de/id/eprint/7291/>*)*

*The data can be d*ownloaded from github, in R using:

read.csv("<https://raw.githubusercontent.com/mengluchu/uncertainty/master/data_vis_exp/DENL17_uc.csv>"

**Deadline: 28.05.2025**