

Visual Data Science

Lab Part 2

A report (at least 4 A4 pages) has to be submitted via TUWEL until January 15th, 2021.

You can decide whether you would like to write the report in German or in English.

The report should contain the following information:

1. Describe data insight no. 1

- a. What is the interesting fact you found in the data?
- b. Give a brief description (~ one paragraph) how you discovered the insight.
- c. Choose an appropriate visualization to show the insight.
- d. How did you test the statistical significance of the insight?

2. Describe data insight no. 2

- a. What is the interesting fact you found in the data?
- b. Give a brief description (~ one paragraph) how you discovered the insight.
- c. Choose an appropriate visualization to show the insight.
- d. How did you test the statistical significance of the insight?

3. Describe data insight no. 3

- a. What is the interesting fact you found in the data?
- b. Give a brief description (~ one paragraph) how you discovered the insight.
- c. Choose an appropriate visualization to show the insight.
- d. How did you test the statistical significance of the insight?

4. Comparison exploration vs. confirmation

In step 2 of task 2 you were asked to note down all the insights you found in the data. How many of them actually proved to be statistically significant?