

## Exercise 4 – InfoVis Project Milestone 2

29. November 2017

### Task 1: Projekt - Milestone 2

a) **Goals and time plan**

Which features shall the final system offer?

- 1) Automatic animations
- 2) Interaction

Which questions shall it be able to answer?

- 1) Does the number of visitors to the Oktoberfest influence the birth rate?
- 2) Does the number of tourists influence the number of Oktoberfest visitors?
- 3) Does the rising beer price influence the drinking behavior of Oktoberfest visitors?
- 4) Do other aspects (security risk) influence Oktoberfest visitors?
- 5) Does alcohol consumption of Oktoberfest visitors influence the birth rate in Munich? How do alcohol consumption and birth rate in Munich in recent years?

How do you plan to visualize the data?

- 1) HTML, JavaScript, D3.js
- 2) On a scrollable website
- 3) If a new visualization appears a small animation appears, too
- 4) Different diagrams like bar charts, liquid fill gauge

Internal milestones to achieve the goals:

Date	Goal
29.11.2017	First visualizations of the individual data
13.12.2017	Working prototype ready
28.12.2017	
11.01.2018	

b) Mockups

c) Documentation

- large selection of visualizations: how to represent the data?
- <http://infosthetics.com/> does not work on Wednesday, 29.11.2017
- Aha-Experiences:
  - Generally: the conversion of the currency can not be recognized in the price trend (exchange rate 1,95583€\*0,511292)
  - Hendel price has risen very high, especially in 2000
  - before the conversion of the currency, the Hendel price has sometimes even fallen

Link to the presentation:

<https://docs.google.com/presentation/d/1xyitanyQwcztTYPRZUFfqwm49kiid7wTx3jvsXzB0Es/edit?usp=sharing>