Challenge 1 Answers to review Questions

- no data included, please make sure you upload your datasets so that we are able to replicate the analysis lächelnd

Ans- I have included the dataset in this Github repository.

- I miss  a short description of your data

Ans- The data used was a self-prepared review of the chapters introduced in the lecture. This was done every week and correspondingly, entries were entered in an online learning journal to keep track of the learning progress. So, the data is purely textual collected over the duration of the seminar.

- for the question: "On a weekly basis, what were the most occurring words?" briefly explain how frequency is visualized in the word cloud. Also what do the colours signify (if anything)?

Ans- The word cloud was visualized considering the most occurring words in the entire learning journal with words with moderate occurrences in similar colors (green) and size. The words that are occurred more frequently than the others were visualized and represented in red and in a larger text font.

- you could add a short answer to your question: what are the most occuring words?

Ans- The most occurring words were: “learning”, “chapter”, “datasets”, “rows”, “data”, “analysis”, “educational”, “functions” etcetera.

- regarding the sentiment analysis: how do your findings relate to the findings of the word clouds?

Ans- Interestingly, only a few words gotten from the sentiment analysis were visually represented in the word cloud.

- about the question: Which week of the lecture was the student more happy? (great question!) why do you think this happened? what could be the reason?

Ans- I would say it was due to the enthusiasm to learn new things in the early weeks of the seminar. Also, as the seminar progressed as expected, the complexity increased correspondingly.