Homework W37

1. Create a \*tidy\* spreadsheet/table listing the names of Danish monarchs with their birth- and death-date and start and end of their reign. They should be sortable by year of birth. Suitable source website is for example[here](https://kongehuset.dk/monarkiet-i-danmark/kongerakken), but you can also use another source, provided you reference it. (Collaboration is welcome. Remember to attach this spreadsheet to Brightspace submission)
   * I cooperated with Sofie, and we made a tidy spreadsheet in google sheets. We decided to add an extra column with the numeric order of the regents.
   * Link: https://docs.google.com/spreadsheets/d/1WwE-rr9twNwJz-RH3HvgmiAoxd4whjiYYi2M-kJOL3Y/edit?usp=sharing
2. Does OpenRefine alter the raw data during sorting and filtering?
   * We converted our spreadsheet to a CSV-file and exported it to Openrefine, where it opened as a nice and tidy dataset

Et billede, der indeholder tekst, skærmbillede, nummer/tal, software

Automatisk genereret beskrivelse

1. Fix the[interviews dataset](https://ndownloader.figshare.com/files/11502815) in OpenRefine enough to answer this question: "Which two months are reported as the most water-deprived/driest by the interviewed farmer households?"

Et billede, der indeholder tekst, nummer/tal, software, Font/skrifttype

Automatisk genereret beskrivelse



To find the months without water we first selected the column named: “Months\_no\_water” . The we made a textfacet, where we edited the cells within the column. Et billede, der indeholder tekst, Font/skrifttype, nummer/tal, software

Automatisk genereret beskrivelse

Lastly I separated the months by using the “value.split” in order to see the value of the months separately. I can conclude that October was the driest months in the dataset, because it was mentioned 74 times in the column called “ Months\_no\_Water” (see the first screenshot)

OPTIONAL Real-Data-Challenge: What are the 10 most frequent occupations (erhverv) among unmarried men and women in[1801 Aarhus](https://raw.githubusercontent.com/aarhusstadsarkiv/datasets/master/censuses/1801/census-1801-normalized.csv)? (hint: some expert judgement interpretation is necessary. As an inspiration, [check out this chapter Making a living outside marriage from the](https://academic.oup.com/book/1458/chapter/140849368) Swedish Gender and Work project of Maria Agren)

* + I had a look at this task in Openrefine. I tried to cluster a lot of the data in the column named “Erhverv” – It was a never ending story, so I decided to stop☺