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, but you can also use another source, provided you reference it.

I have attached my spreadsheet in the submission.

I used https://www.kongehuset.dk/monarkiet-i-danmark/kongerakken and https://danmarkshistorien.dk/vis/materiale/kongeraekken as my source.

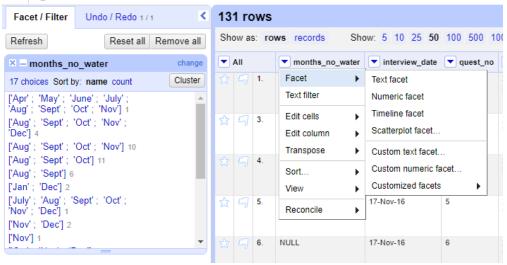
2. Does OpenRefine alter the raw data during sorting and filtering?

No, it does not. OpenRefine changes the way we visualize the data, but it does not alter the raw data in any way.

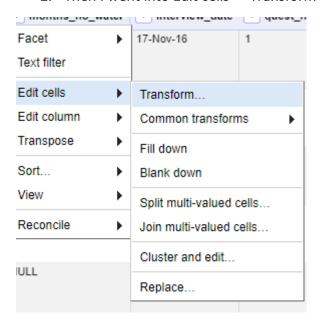
Even if we for example create a new facet and use the Value.replace command, then we are only highlighting and changing the visual look of the data, but the raw data reminds the same.

- 3 Fix the <u>interviews dataset</u> in OpenRefine enough to answer this question: "Which two months are reported as the most water-deprived/driest by the interviewed farmer households?"
- 1. First, I made a Facet that would show every month, however as you can see on the picture it is out of order because of all the symbols.

→ OpenRefine SAFI openrefine (1) csv Permalink

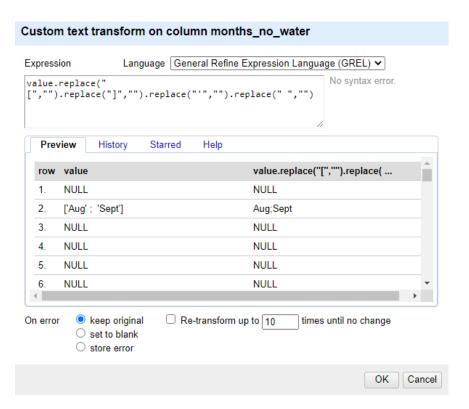


2. Then I went into Edit cells -> Transform



3. In this menu I entered the expression:

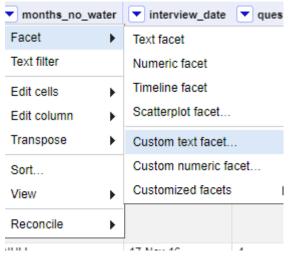
value.replace("[","").replace(""","").replace(""","")

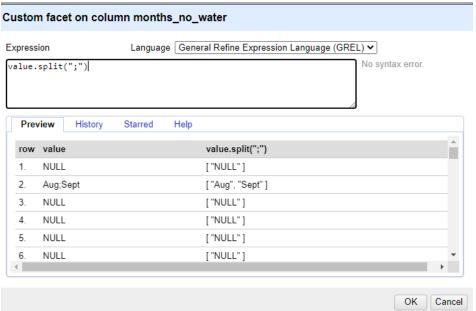


4. This removes every special character and makes my new facet look like this:



- However, it is still not tidy.
- 5. To change this I went into Facet -> Custom text facet.
 - Then I entered the command value.split(";")





• This removes the ; from the facet and finally makes the months sortable.

6. Lastly, I can now see which month is the driest by sorting by count.



• October and September are the two driest months.