**Homework 4 - Visualize away!**

**A:** **same for everyone:** Visualize the duration of reign among Danish kings **through time**(showing the diachronic trend from ca 900 - today on the x axis) with **ggplot**. Use the dataset you/your group has created and submit both the script and the visualisation, ideally as part of an rmarkdown and html document (for details see bottom of this page). Experiment with geom\_point(), geom\_line() or geom\_smooth() functions for the geometry.

We have a screenshot of our coding and the visualisation:

**Et billede, der indeholder skærmbillede, tekst

Automatisk genereret beskrivelse**

**Et billede, der indeholder linje/række, Parallel, Kurve, diagram

Automatisk genereret beskrivelse**

**B:** choose **one** of the two options below and follow the instructions in rmarkdowns. These have slightly different content depending on what you wish to practice, whether facets in ggplot or animation. For the latter, pay attention to the prerequisites R specifies for your system:

We chose the historical homicide trends across Western Europe

See solution on the following Github-link :

<https://github.com/MathildeHNi/AU673184_Halberg_Mathilde>

When you click on my html file you only see code, copy the link at the top (for the webpage you are on) (see screenshot) and put it into a GitHub HTML preview (google this) and put in the link and the tasks/HTML file opens on a webpage.

Et billede, der indeholder tekst, skærmbillede, software, Webside

Automatisk genereret beskrivelse

The link is also here though: <https://htmlpreview.github.io/?https://github.com/MathildeHNi/AU673184_Halberg_Mathilde/blob/main/EuropeanHomicide_exercise.html>