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Week 10 assignment - Danish Monarchs & duration of reign

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title: "Danish Kings Homework Week 10"
author: "Matti Kjeldsen"
date: "07-03-2025"
output: html_document
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```

```{r setup, include=FALSE}
knitr::opts_chunk$set(echo = TRUE)
```

```{r library,echo=FALSE}
library(tidyverse)

read.csv2("data/danish_monarchs_clean.csv")
```

```r
kings <- kings %>%
  mutate(midyear = Start_regeringsaar + (Slut_regeringsaar -
Start_regeringsaar) / 2)

glimpse(kings)

# Step 2: Plot the duration of reign with ggplot
ggplot(kings,aes(x=midyear,y=Periode)) +
  geom_point() +
  geom_smooth() +
  labs(
    title = "Duration of Reign of Danish Monarchs Through Time",
    x = "Year (Midpoint of Reign)",
    y = "Duration of Reign (years)"
  ) +
  theme_bw()
```


Duration of Reign of Danish Monarchs Through Time