TMA4300 - Exercise 2

Problem A: Coal-mining disaster data

```r
# Data: Time intervals between successive coal-mining disasters
# years 1851-1962
frame <- data.frame(year = data <- coal[2:190,], disasters = c(1:189))
ggplot(frame) + geom_point(aes(year,disasters))
```
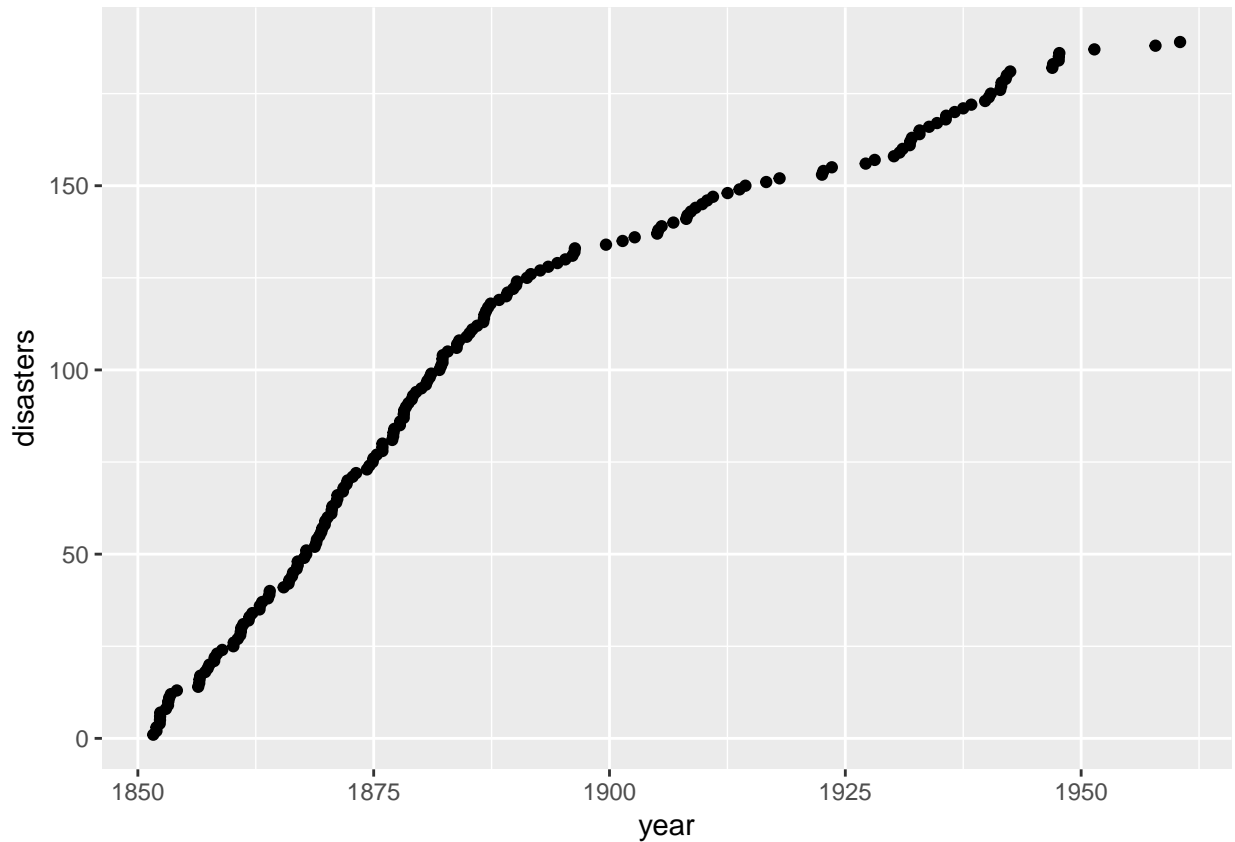

Figure 1: Plot of cumulative sum of coal mining disasters as function of years.

Figure 1 shows cumulative sum of disasters as a function of year.