

# Sechseläuten Weather Prediction

Data Science Basics: Project Idea

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26.10.2019

The **Sechseläuten** is a yearly tradition in Zurich taking place in April, where a straw puppet called «**Böög**» is burned. The head of this puppet is filled with firecrackers. It is said that the faster the head explodes, the better the weather will be in the following summer.

## Data Sets

- [Böögg burning times](#)
- [Historical Monthly Precipitation in Switzerland](#)
- [Historical Monthly Temperatures in Switzerland](#)

## Böög Burning Times

CSV file, two columns:

1. year: 1952-2018
2. sec.burn: seconds until Böög's head exploded

## Historical Monthly Precipitation in Switzerland

Excel sheet, four columns, three relevant:

1. pr: precipitation, probably litres per m<sup>2</sup>
2. Year: 1901-2015
3. Month: 1-12

4. Country: CHE (Switzerland)

Location of the weather station is unknown.

## Historical Monthly Temperatures in Switzerland

Excel sheet, four columns, three relevant:

1. tas: daily average temperature in °C
2. Year: 1901-2015
3. Month: 1-12
4. Country: CHE (Switzerland)

Location of the weather station is unknown.

## Research Question

Is there a (negative) correlation between the time it takes for the «Böög's» head to explode and a good weather in the subsequent summer (warm temperatures and low precipitation)?

## Related Questions

How could «good weather» be defined based on the data sets at hand?

Is there a correlation between precipitation and temperatures?