## Netflix im Wandel der Zeit

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## Tibble modifizieren (1)

## unser Datensatz (die interessanten Variablen):

```
## # A tibble: 12.187 x 4
     Title
                                  year Genre
                                                         country
      <chr>>
                                 <int> <chr>
                                                         <chr>>
## 1 Lets Fight Ghost
                                  2008 Crime, Drama, F~ Thailand
## 2 ANNE+
                                  2016 Drama
                                                         Belgium.Netherlands
## 3 Moxie
                                  2011 Animation, Shor~ Lithuania, Poland, France, Ic~
## 4 Gleboka woda
                                  2011 Drama
                                                         Poland
## 5 Instvnkt
                                  2011 Crime
                                                        Poland
## 6 Snowroller
                                1985 Comedy
                                                        Lithuania, Poland, France, It~
## 7 Sunes Summer
                                  2018 Comedy, Family, ~ Lithuania, Poland, France, It~
## 8 The Invisible
                                  2007 Crime, Drama, F- Lithuania, Poland, France, It-
## 9 The Simple Minded Murderer 1985 Drama
                                                        Lithuania, Poland, France, It~
## 10 The Stig-Helmer Story
                                  2011 Comedy, Drama Lithuania, Poland, France, It~
## # ... with 12.177 more rows
```

#### year und Title sind nur zusammen eindeutig

# Tibble modifizieren (2)

## leider gibt es Duplikate:

```
data %>%
  count(Title, year)%>%
  filter(n>1)
```

```
## # A tibble: 150 x 3
     Title
                                           year
     <chr>
                                          <int> <int>
## 1 A Bride for Rip Van Winkle
                                           2016
## 2 A Love So Beautiful
                                           2017
## 3 A Perfect Day
                                           2016
## 4 About Time
                                           2013
## 5 Aftermath
                                           2017
## 6 Aliens
                                           1986
## 7 Alone
                                           2008
## 8 Anastasia
                                           1997
                                                    2
  9 Anohana: The Flower We Saw That Day
                                           2011
## 10 Another
                                           2012
## # ... with 140 more rows
```

# Tibble modifizieren (3)

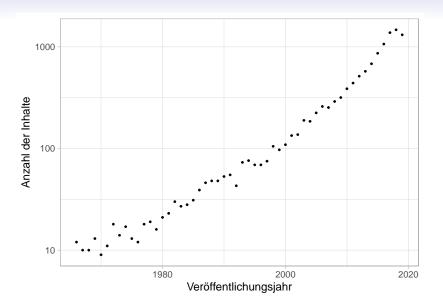
das sind diejenigen Filme, die mehrmals auf Netflix releast wurden

## Lösung:

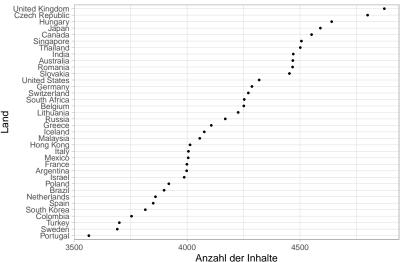
```
## # A tibble: 3 x 3
## Title
                 year country
   <chr>
                <int> <chr>
## 1 A Perfect Day 2016 Italy
## 2 A Perfect Day 2016 Romania
## 3 A Perfect Day 2016 Poland
## # A tibble: 3 x 3
   Title
                year Genre
   <chr>
               <int> <chr>
## 1 A Perfect Day 2016 Comedy
## 2 A Perfect Day 2016 Drama
## 3 A Perfect Day 2016 War
```

# Tibble modifizieren (4)

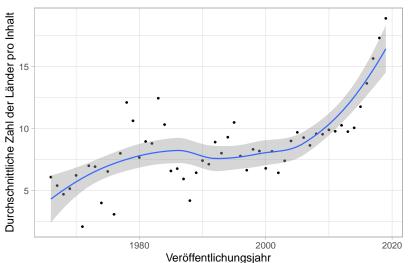
```
## # A tibble: 9 x 4
   Title
                   year country Genre
  <chr>
                  <int> <chr>
                               <chr>>
## 1 A Perfect Day 2016 Italy Comedy
## 2 A Perfect Day 2016 Italy Drama
## 3 A Perfect Day 2016 Italy
                                War
## 4 A Perfect Day 2016 Romania Comedy
## 5 A Perfect Day 2016 Romania Drama
## 6 A Perfect Day 2016 Romania War
## 7 A Perfect Day 2016 Poland Comedy
## 8 A Perfect Day 2016 Poland Drama
## 9 A Perfect Day 2016 Poland War
## # A tibble: 1 x 4
    Title
                   vear Genre
                                          country
    <chr>
                  <int> <chr>
                                          <chr>>
## 1 A Perfect Day 2016 Comedy, Drama, War Italy, Poland, Romania
```



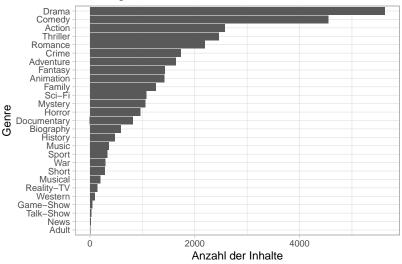
#### Anzahl verfügbarer Inhalte in den Ländern



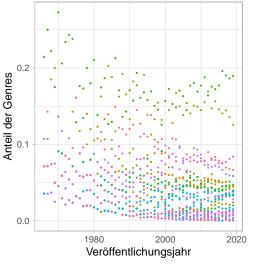
#### Internationalität im zeitlichen Verlauf



## Ranking der Genres



## Anteil der verfügbaren Genres nach Veröffentlichungsjahr

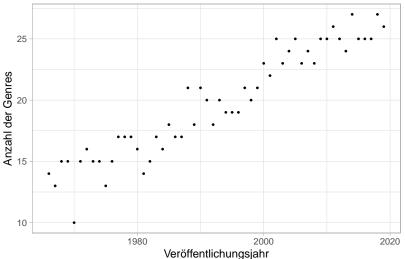


#### Genre

Horror

Action Music Adult Musical Adventure Mystery Animation News Biography Reality-TV Comedy Romance Crime Sci-Fi Documentary Short Drama Sport Family Talk-Show Thriller Fantasy Game\_Show War History Western

## Anzahl der Genres nach Veröffentlichungsjahr



## Anzahl der Genres nach Veröffentlichungsjahr

