

# Preliminary Report - Best Selling Music Artists of All Time - Emilia Kunst

Montag, 2. Januar 2023 18:23

The following 5(6) visualizations are what I thought would be interesting to visualize. The first 5 can be done solely based on the given data set while the last one takes additions into account made by someone in the codes section of the kaggle page of the data set. Is it okay to use those?

Furthermore, I'm not completely sure yet about the amount of visualizations that are appropriate considering I'm working alone and am not having a lot of background in data science as a bachelor student. Nor in web programming when it comes to the HTML part.

I'd really appreciate some feedback on that. Which of the visualizations would you consider most interesting/relevant

# Music Hits And Who Creates Them

## O. Word Cloud of most important artists

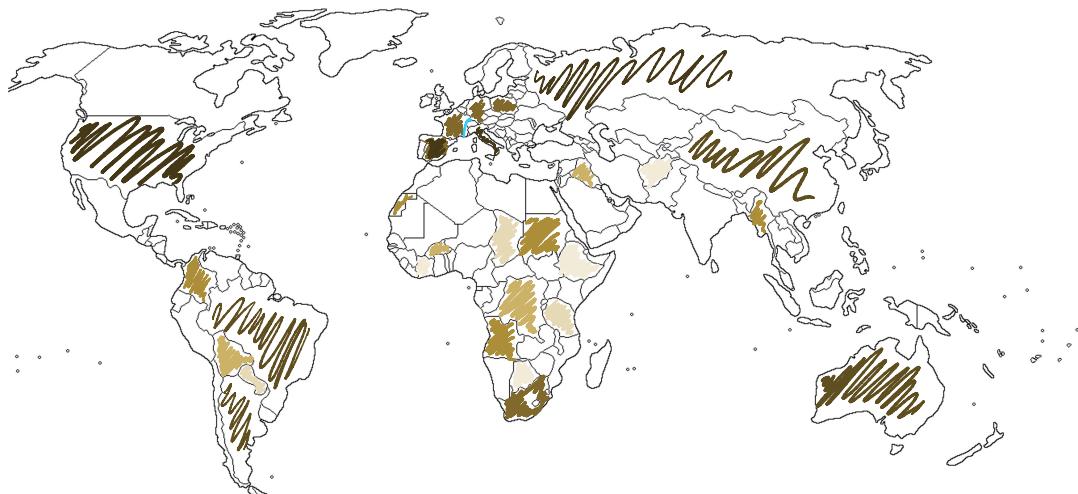


→ book with artist names

- for aesthetic reasons

→ as title/header maybe 2

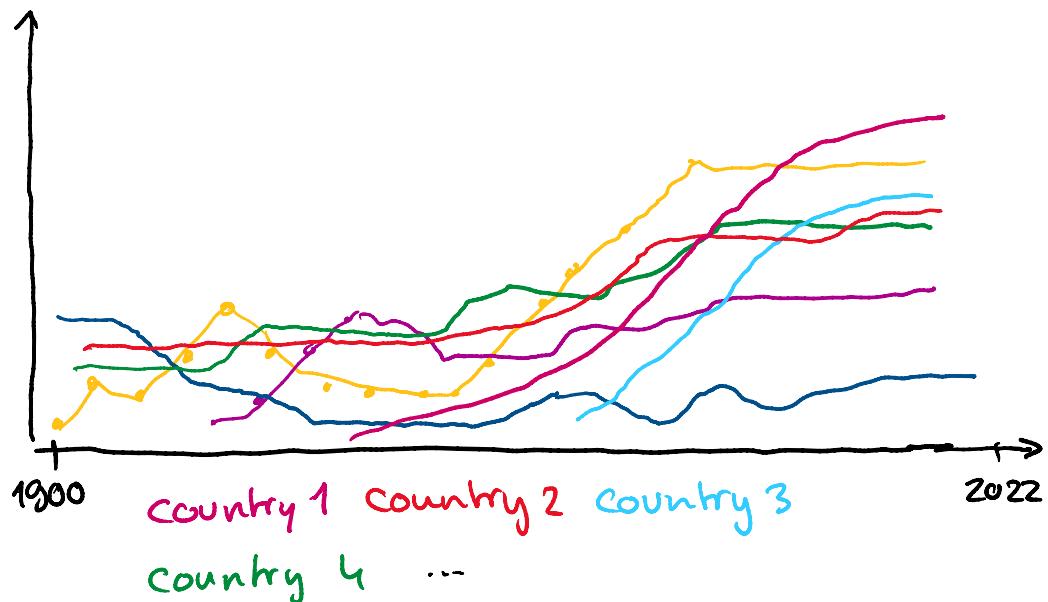
# 1. Units per Country



→ world map with a color gradient  
for TCUs per country  
↑ summed

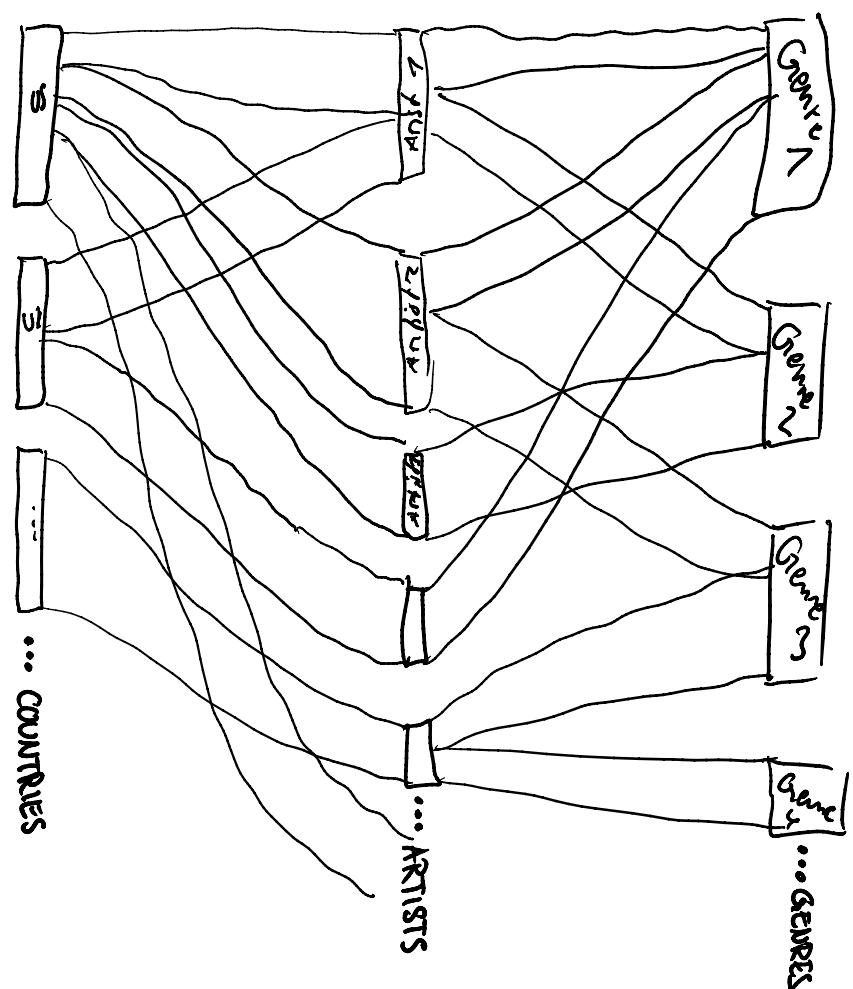
- tool tip shows exact amount
- to visualize how important each country is for the music industry

## 2. Active Artists per Country (top X)



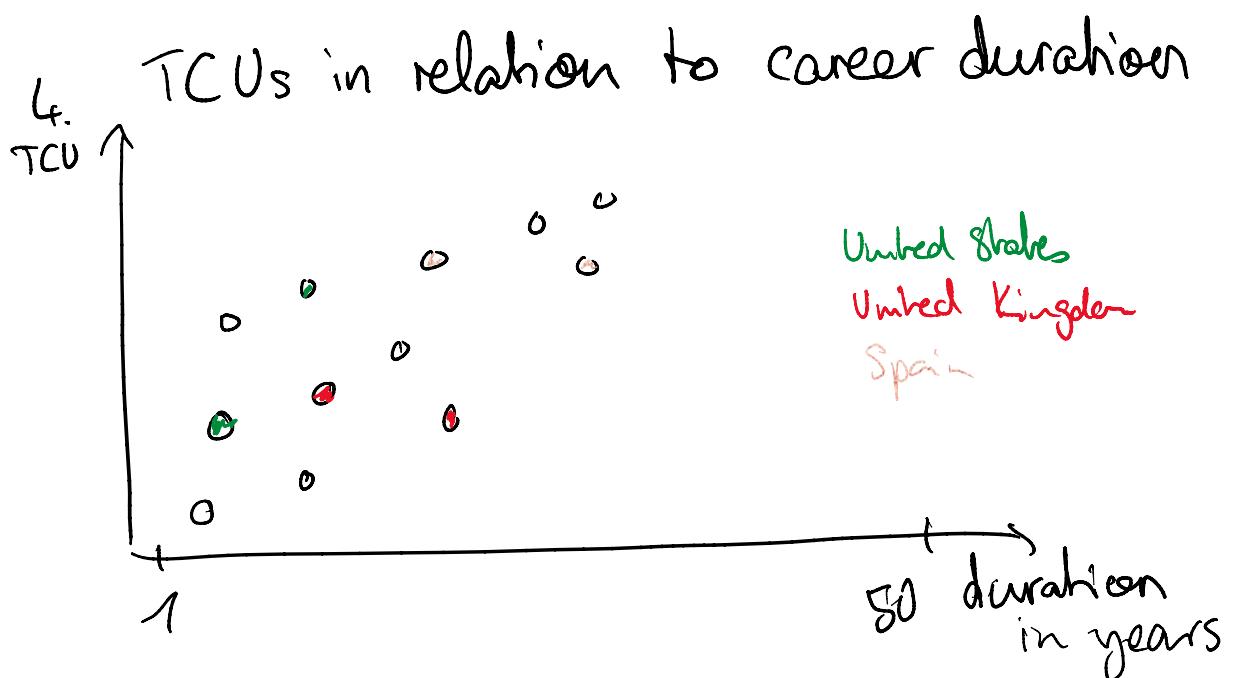
- timeline consisting out of X line graphs representing top X countries that nowadays have the highest sum of TCU
- showing how many active artists there are at what time
- to compare when and how fast those countries gained their relevance in music history

### 3. Countries, Artists & Genres



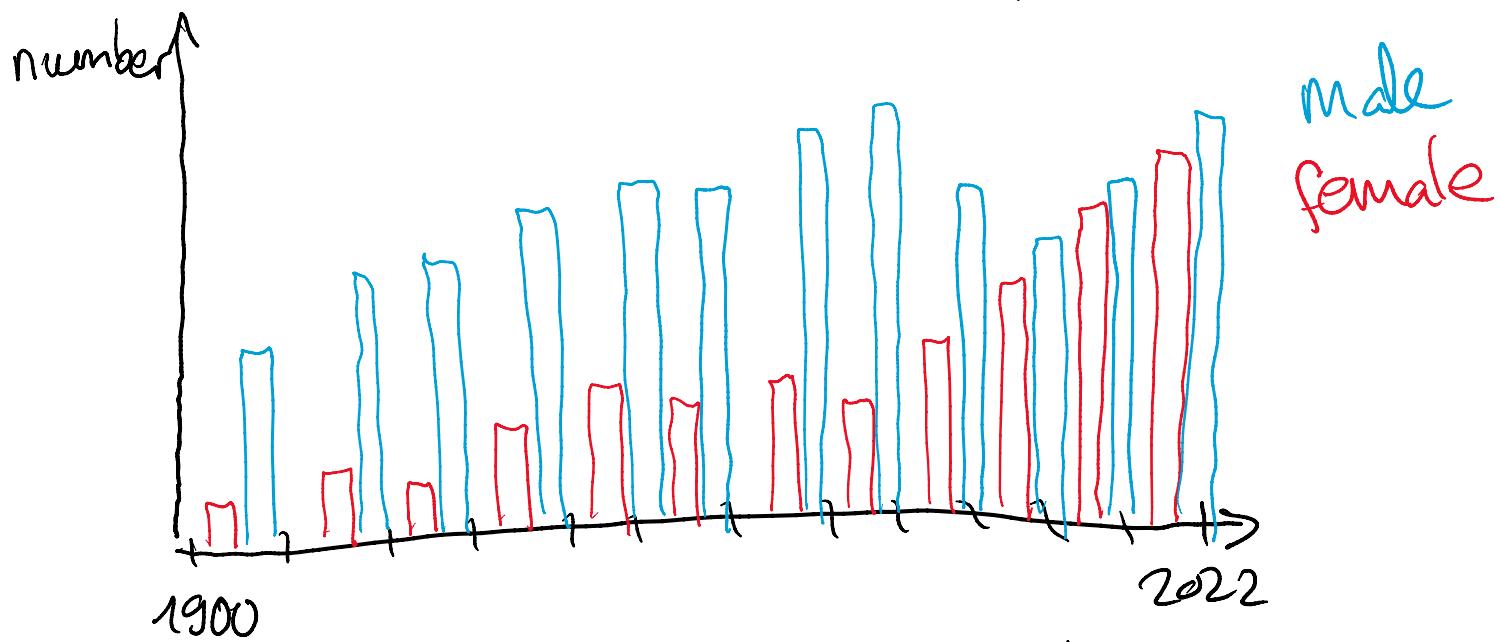
→ FLUX chart displaying the connection between artists, their origin and what genre they are releasing in

→ in numbers of TCUs



- Scatterplot showing the correlation between the duration of a career and the TCUs of the artist
- each dot representing one artist  
(tooltip: name, TCUs, Genres)
- artists grouped by their origin country

## 5. Gender Distribution in Top Authors over Time



→ active Top Authors per year

divided into male / female