

The documentation for the Final Project of DataViz needs to be uploaded here. This is a mandatory part of the [DV] Final project. The documentation is to be handed in before or on the evening of the presentation day (**12th of June 23:59**).

The documentation should only contain:

- The visualisations presented in the Final project presentation
- Links to the used data for each visualisation (*if you compiled your own dataset, or combined multiple datasets, present them in an accessible place e.g. on Google Drive / OneDrive, while still making sure that you credit all your sources correctly*)

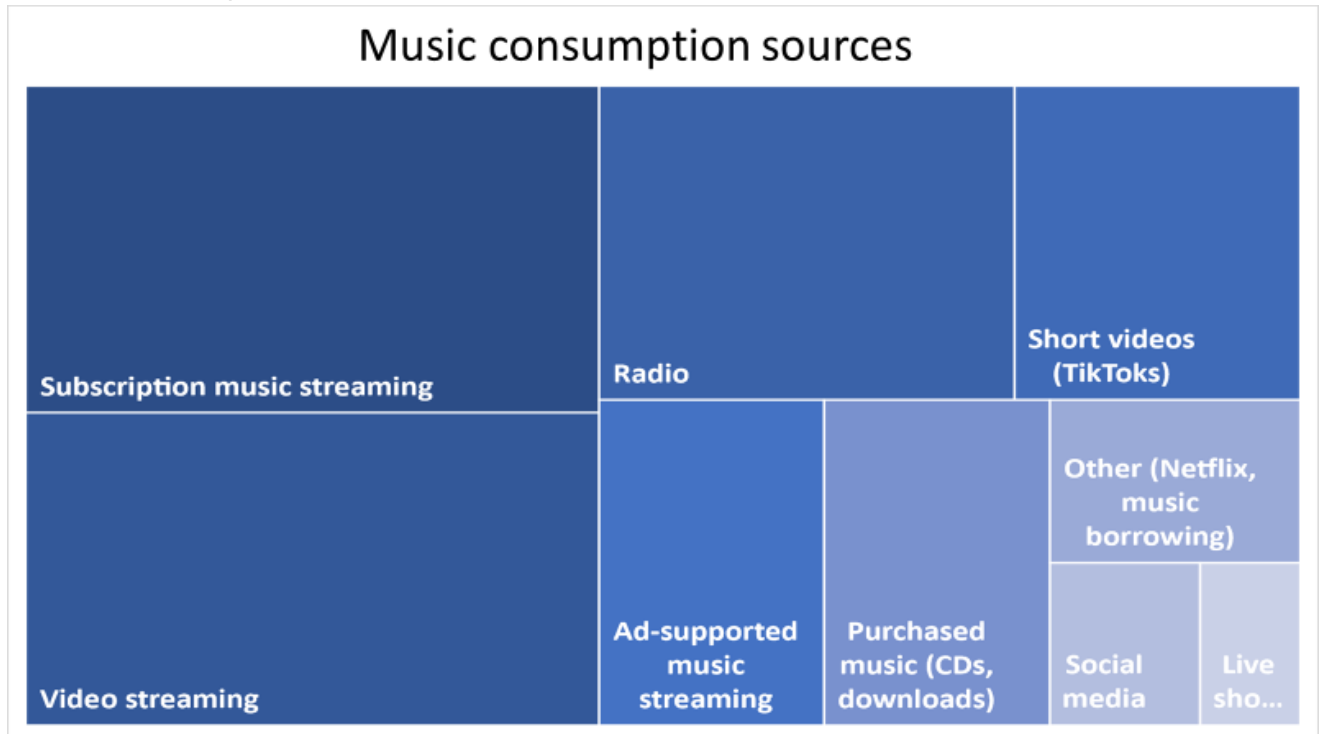
You are **not required** to hand in the presentation, slides or individual visualisation files. Please make sure that all visualisations are legible (*so no tiny screenshots, use the Tableau export image feature for example*).

Your documentation needs to be handed in as either a Word document (`.doc` / `.docx`) or PDF (`.pdf`).

Save your work as follows: `Group[Group-number]_DataViz_Final_documentation.doc/docx/pdf`

Filip Tatarek

1. Music consumption sources



Source: <https://headphonesaddict.com/music-statistics/>

I extracted the data from the website and put it into a dataset, which can be found on the Google Drive.

2. When do people listen to music?



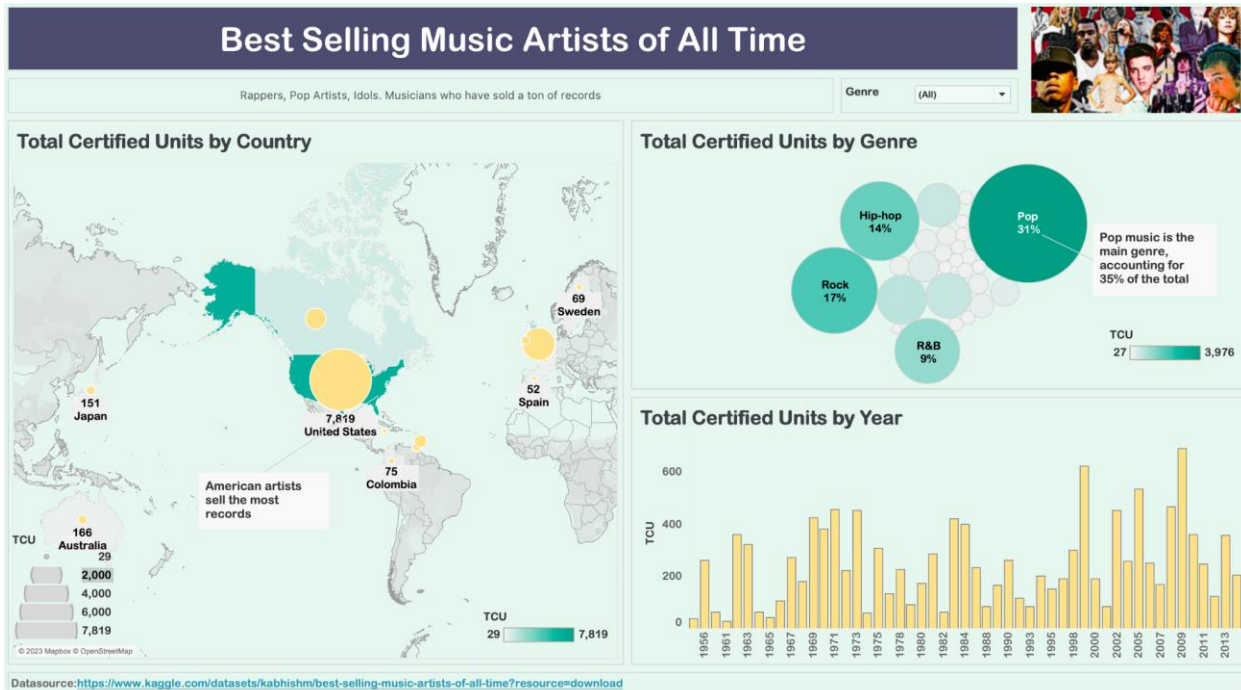
Percentage means the percentage of people who like listening to music during the activity/activities connected to the percentage field

Source: <https://headphonesaddict.com/listening-to-music-statistics/>

I extracted the data from the website and put it into a dataset, which can be found on the Google Drive.

Haimo Xu

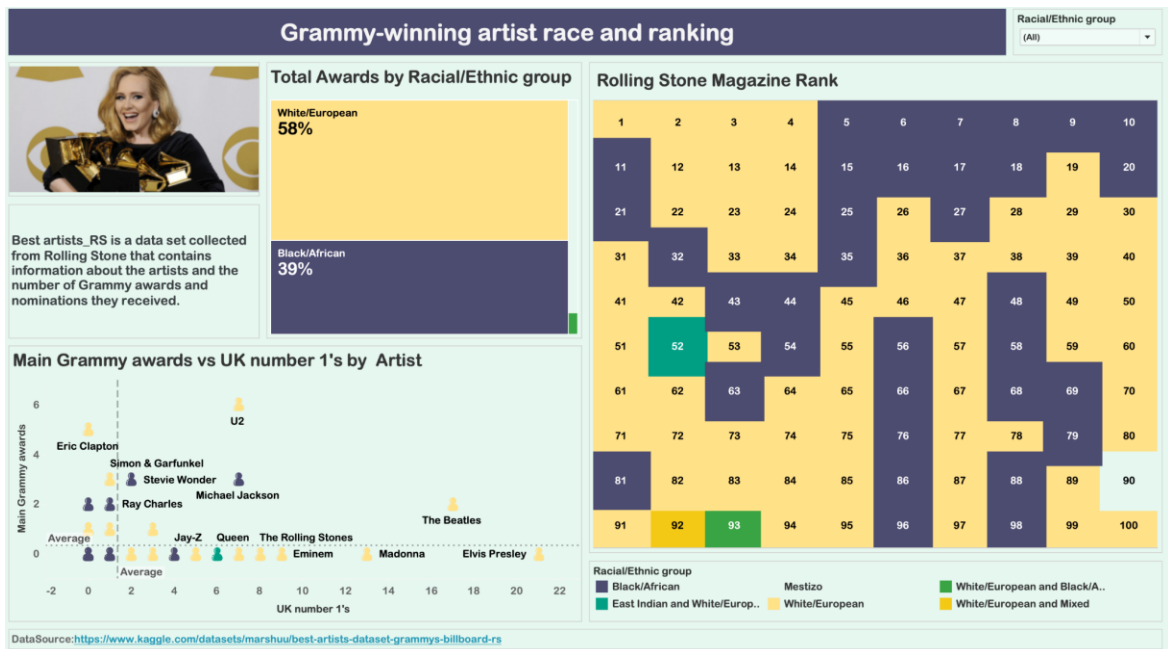
1. Best selling artists



Source: <https://www.kaggle.com/datasets/kabhishm/best-selling-music-artists-of-all-time>

This is a combination of packed bubbles, symbol map and bar chart to see general music taste globally by time according to artists' regions and the genres

2. Award winners and their races

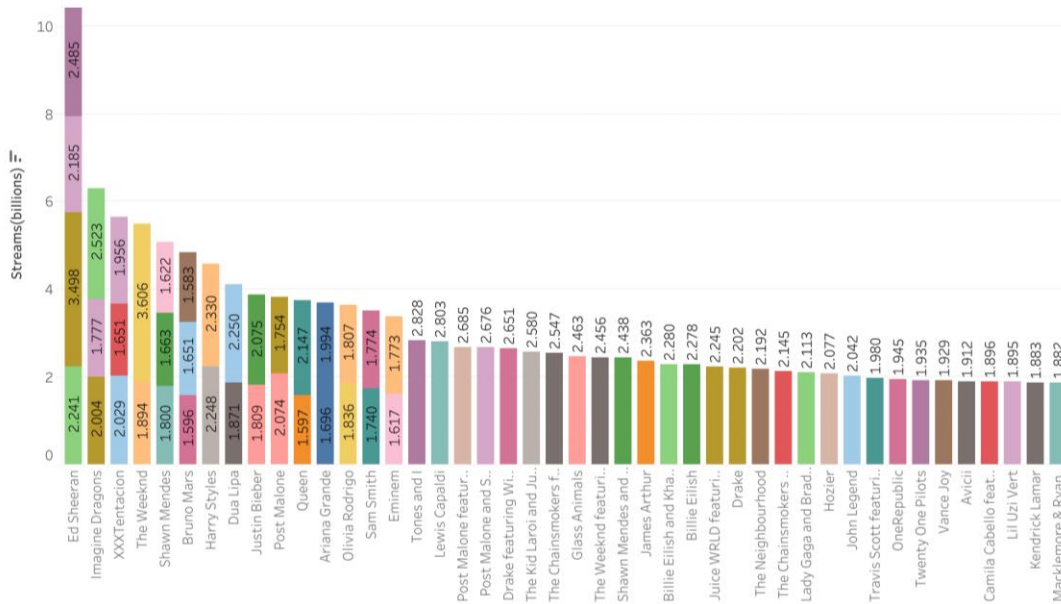


Source: <https://www.kaggle.com/datasets/marshuu/best-artists-dataset-grammys-billboard-rs>

This is a combination of tree map and scatter plot to visualize award winners singers and their races to make a comparison.

Mingqi Liu

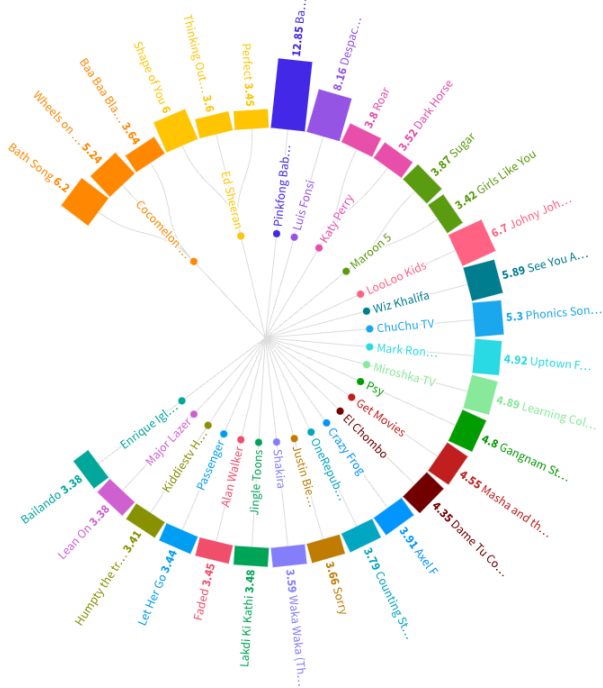
List of Spotify streaming records



Source: https://en.wikipedia.org/wiki/List_of_Spotify_streaming_records

List of most-viewed YouTube videos

All



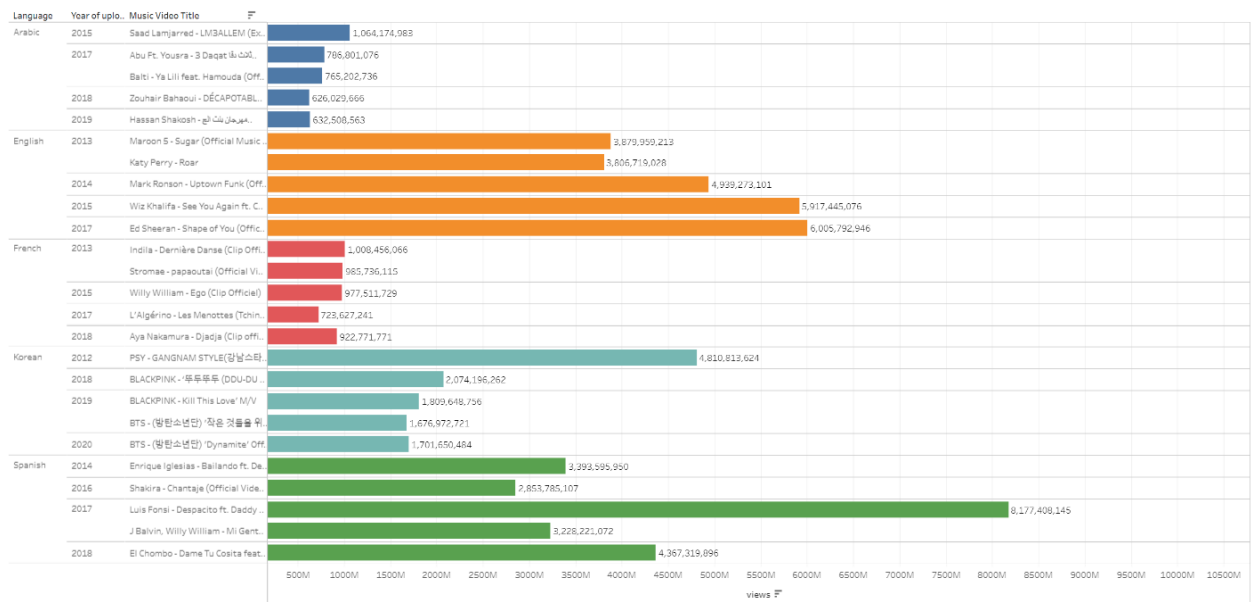
Source: https://en.wikipedia.org/wiki/List_of_most-viewed_YouTube_videos

Jonah Numbi

Culture

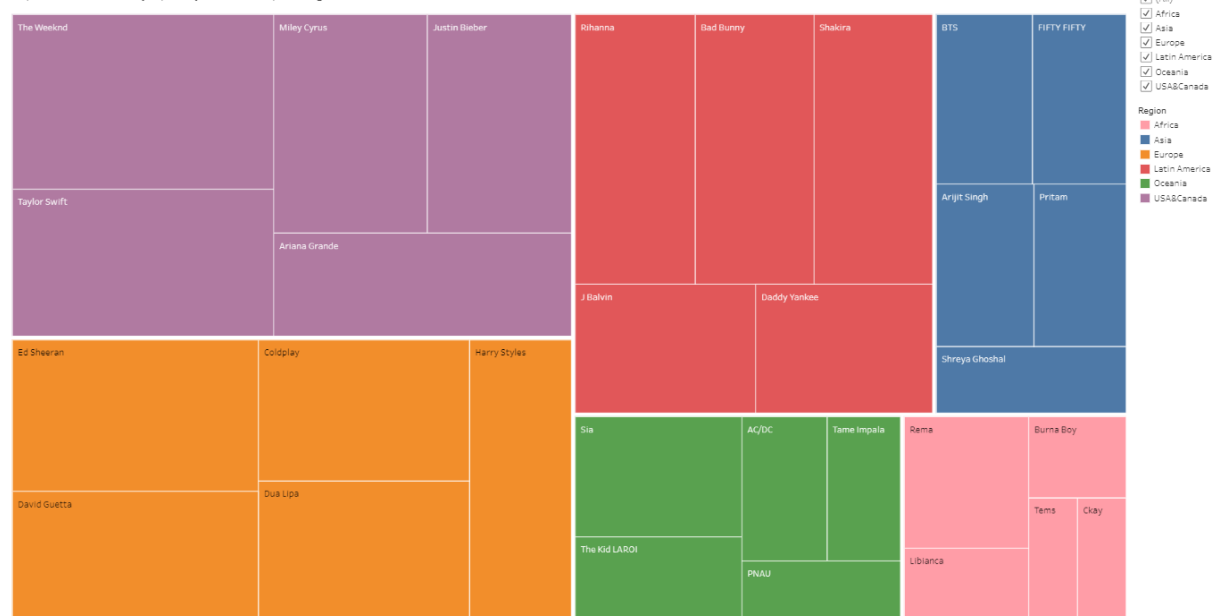
[Most viewed youtube music videos by language](#)

Top 5 most viewed YouTube music videos by language

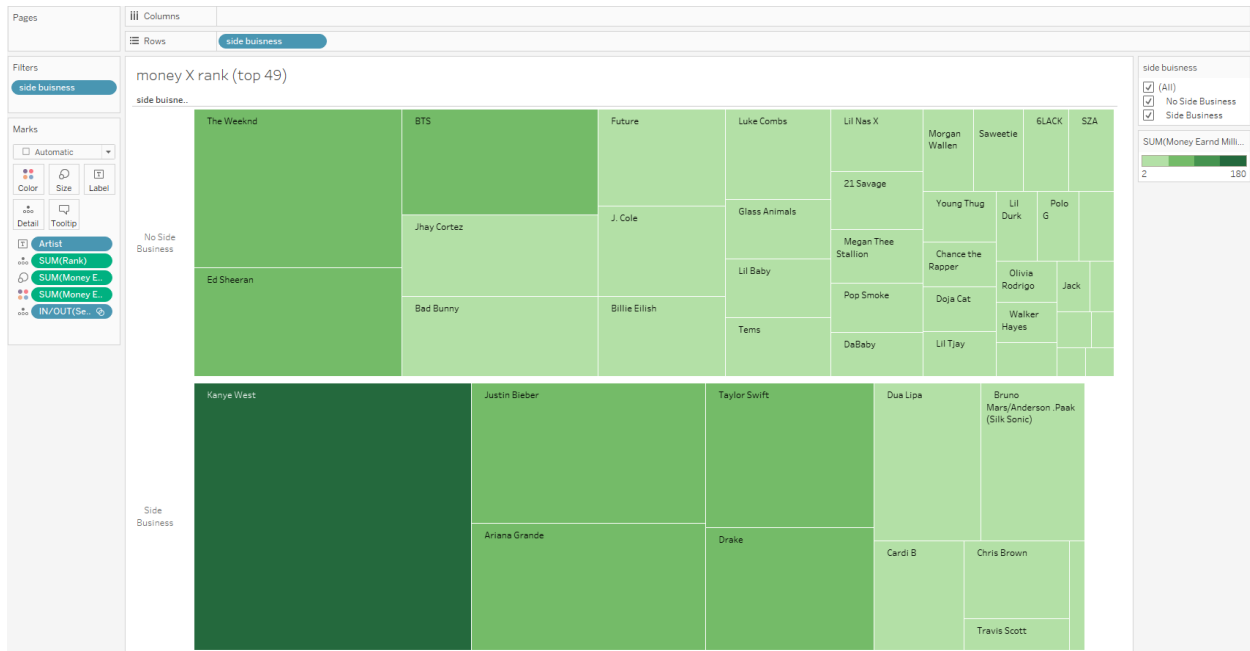


Top 5 Artist Monthly Listeners Per Region

Top 5 artist monthly Spotify Listeners per Region



Economics, money
 Jules Verhaegn s2773333

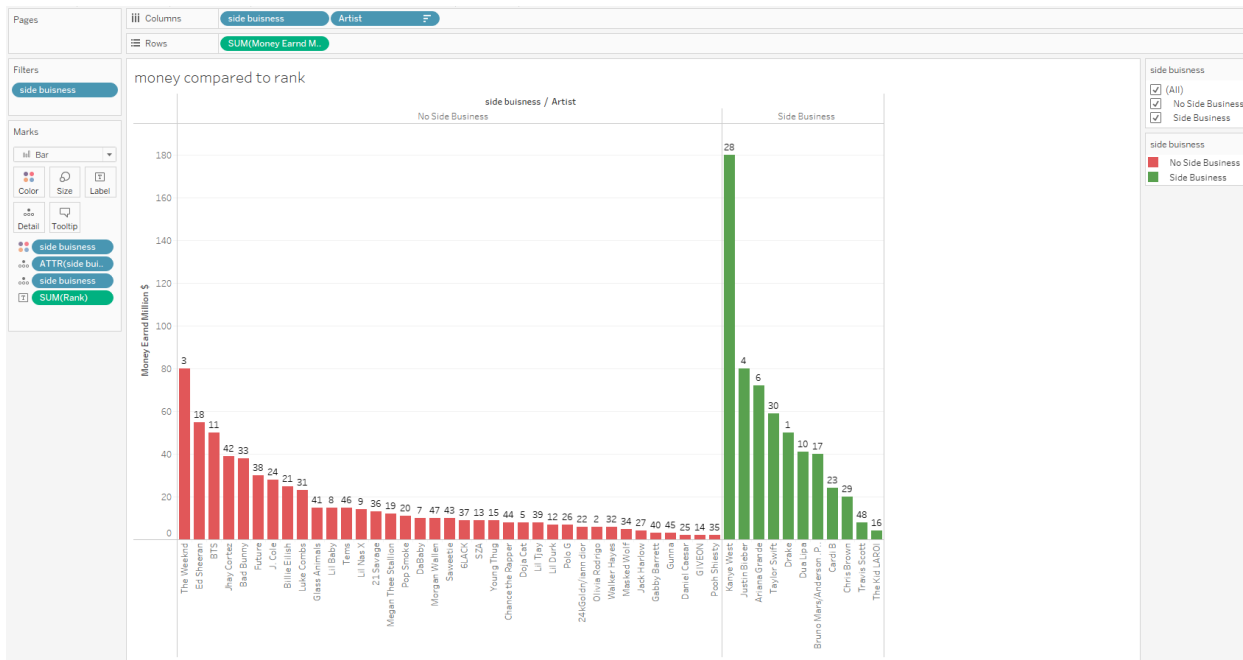


[Figure X]

Because there was no preexisting database for this, I had to create one myself. This shows how much money an artist made in 2021.

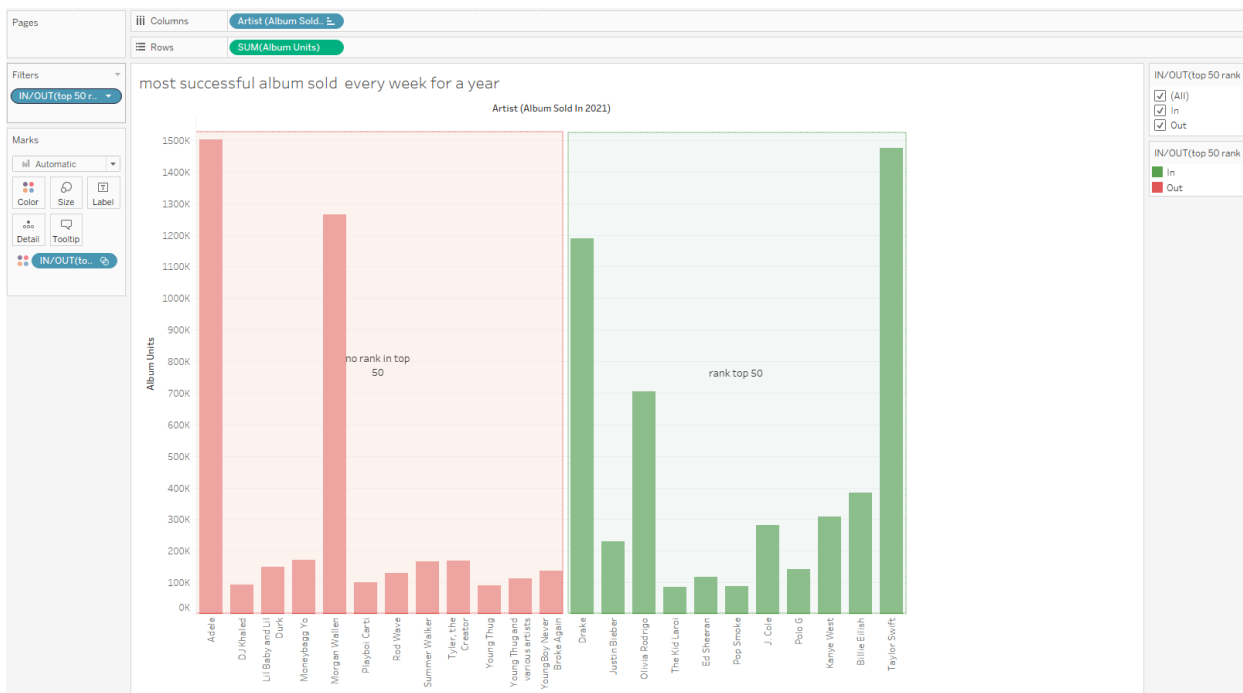
The database includes:

- Artist, Rank : source <https://top40weekly.com/top-50-artists-of-the-2021/>
<https://www.billboard.com/charts/year-end/2021/top-artists/>
- Money: source <https://www.billboard.com/music/chart-beat/taylor-swift-all-hot-100-top-10-anti-hero-1235163664/>
(other web site where used but manly this one)
- Side business:
 - <https://www.growthink.com/content/25-most-successful-musician-entrepreneurs>
 - <https://micdropmusic.com/singers-and-their-side-hustles/>
 - <https://www.cosmopolitan.com/uk/worklife/careers/g32851720/celebrity-side-hustles/>



[Figure X]

It's interesting to see that just because an artist is more well-known does not necessarily translate into higher earnings in the picture above, which displays the same dataset with a rank system.



[Figure X]

This data visualisation study looked at the top-selling albums each week in 2021 and compared them to see if the artists were among the top 50 listed in the prior dataset.

It's amazing that artists like Adele and Morgan, who had one of the year's best-selling albums, failed to crack the top 50.

Sources:

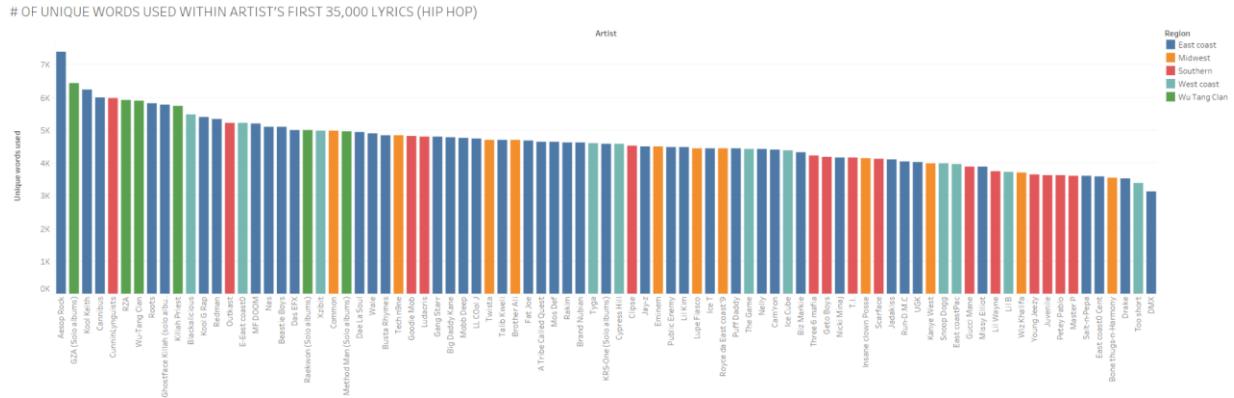
- Albums sold in 2021:

https://en.wikipedia.org/wiki/List_of_Billboard_200_number-one_albums_of_2021

Abhishek Huple (2827441)

Data source: <https://pudding.cool/2017/02/vocabulary/index.html>

This bar chart shows the number of unique words artists used based on their first 35,000 lyrics/words using token analysis (this includes at least 3-5 albums for each artist) giving us a large enough data to draw comparisons against other artists. The artists are also separated based on their region and Wu Tang Clan has a special filter

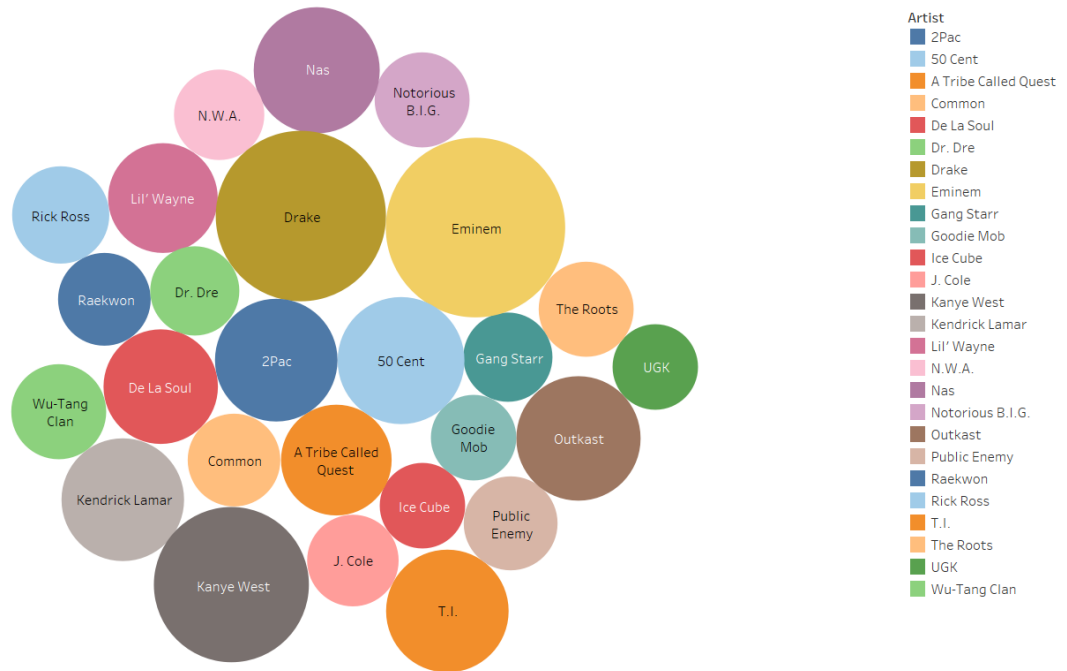


Sum of Unique words used for each Artist. Color shows details about Region. The view is filtered on Region, which keeps East coast, Midwest, Southern, West coast and Wu Tang Clan.

Data source: [An Analysis of Drugs and Music | Detox.net \(lagunatreatment.com\)](https://www.detox.net/analysis-of-drugs-and-music)

This is a Packed Bubbles chart that shows the number of profanity words used by top rap artists, the larger bubble means more drug references being made by that artist. This data represents the total words from 1985-2019.

Most drug references in rap 1985-2019



Artist. Color shows details about Artist. Size shows count of Rap Profanity. The marks are labeled by Artist. The data is filtered on Swear word in Title? and Artist - Album. The Swear word in Title? filter keeps N and Y. The Artist - Album filter keeps 171 of 171 members. The view is filtered on count of Rap Profanity, which ranges from 372 to 1.893.