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THANKS!



Spotify statistics analysis

Juliet PATRON, Charlotte VAUCHEL



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Spotify

Spotify is a Swedish music streaming service in the form of proprietary software and a website. This digital distribution platform makes it possible to listen to music files almost instantaneously.



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515 million

Active users in the first quarter

70 million

Titles present on the platform

31%

Music streaming market share



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Tools used for datas



Spotify Api

Simple wrapper for the spotify api

Spotify - All Time Top 2000s Mega Dataset

Dataset containing audio features of Top 2000 songs on Spotify of all time.

spotify-dev/
spotify



A light weight Python library for the Spotify Web API

174
Contributors

18k
Used by

4k
Stars

892
Forks



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Tools used for Python



NumPy



pandas

json — JSON encoder and decoder



plotly | Graphing Libraries



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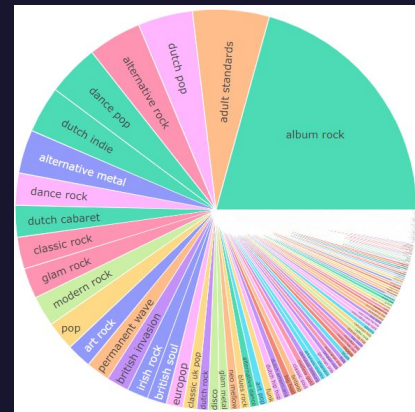
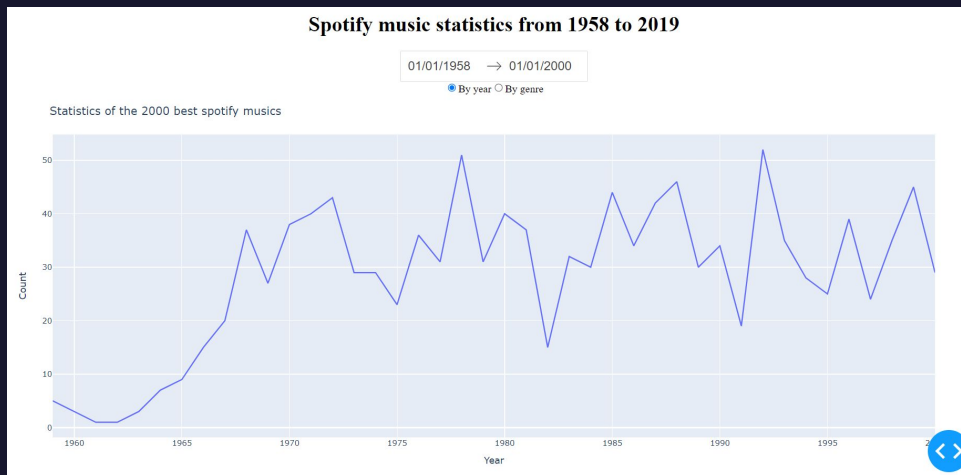
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Difficulties

Finding a
good, usable
database

The time it
takes (to
load data,
for example)

Understand
and
assimilate
the python
course

Exploit data

Inattention
errors



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Areas of improvement

- Better graphics
- More analysis
 - Audience numbers
 - Trends by country
- A way to choose an artist and get his own stats



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Thanks!

Do you have any questions?



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