WILD CODE SCHOOL

Hackathon

Create an App about *music*

2021 Edition

25 Nov - 26 Nov

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Music maestro !

What's a Hackathon / Datathon?

An event where people work **collaboratively** using computer programming to solve technical challenges.

On the same topic:

600 wilders

120 teams

Pitch

“If you put your mind to it, you can accomplish anything.” - *Emmett Brown*

Wilders have the power to enjoy music time and use all their technology to do it.

Wilders have to create an application that can be perfectly adapted to the needs of everything in music (groups, singer, companies, etc)

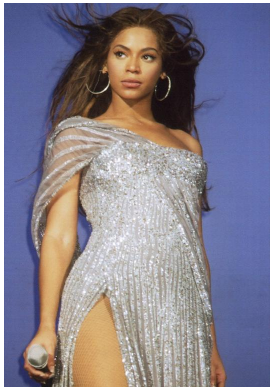
Be creative & have fun Wilders !

Team members

Group of 4/6 peoples

Give a name to your group and indicate it to your SEM

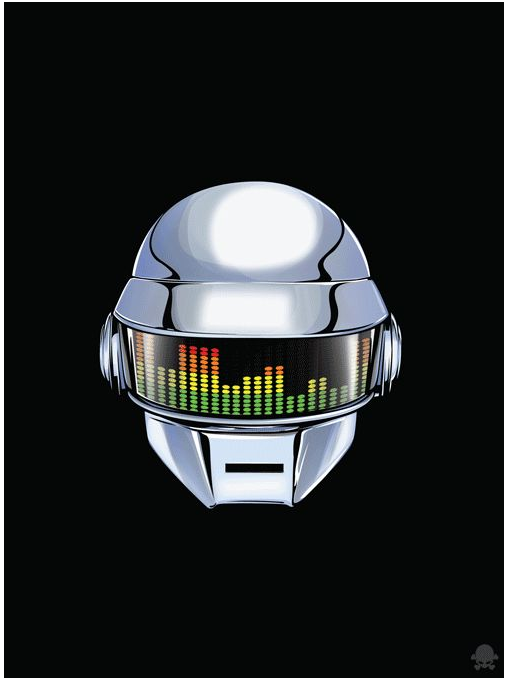
Choose the music you want !



Useful & Free APIS

To help you provide data and information to your users from another time, you still have access to the Rest APIs below. Use and consume them to help your new contemporaries.

https://github.com/public-apis/public-apis



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Tips for Hackathon

What do we expect of the devs ?

It could give apps of the type :

- 🎸 Sharing / generating playlists
- 🎸 Topics around webradios
- 🎸 Tinder like to form a rock band
- 🎸 Guitar hero style game

There are a few APIs around music (without authentication).
Here are some examples :

- 🎷 Spotify (possible without auth)
- 🎷 Web radios
- 🎷 Lyrics
- 🎷 API music list

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Tips for Datathon

What do we expect of the data analyst ?

Your goal is to produce an analysis that will be useful to music stakeholders. The stakeholders are the **music producers**, the **musicians** and of course the **listeners**.

- For example, an analysis that will be useful to music producers to know which genre is the most produced at the moment?
- Or an application useful to listeners with a recommendation of music according to their tastes.
- Or where are the nearest concerts located? Are there really more festivals in summer?
- What has been the impact of Covid on the number of concerts?

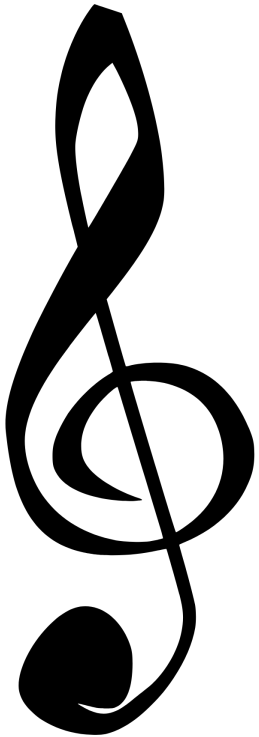
It's only examples of questions ! You're totally free to choose another one. The only constraints is to be useful to music stakeholders.

What do we expect of the data analyst ?

There are a few datasets around music (and of course, you can take the checkpoint's dataset).

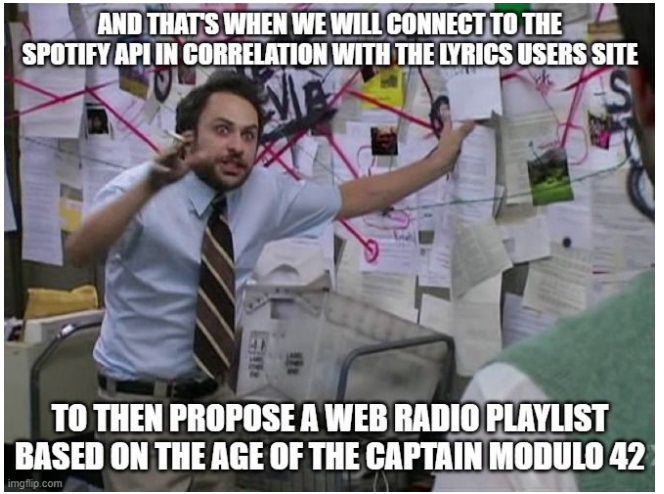
Here are some examples, and you can take external data:

- 🎷 LastFM extract
- 🎷 Rateyourmusic extract
- 🎷 French events (concerts, etc…)
- 🎷 Liste d'API music



Schedule

Nov 25, 2021 @9:00am-9h30am	**Hackathon Kick-off** Google Meet
Nov 25, 2021 @10am to Nov 26, 2021 @12pm	**Brainstorming !** Think before do
Nov 25, 2021 @12pm to Nov 26, 2021 @2pm	**At your keyboard !** Time to create.
Nov 26, 2020 @2pm	**Demo @2pm**



Judging criteria

UX DESIGN
(only for dev)

TECHNICAL ASPECTS

CONCEPT

ORAL PRESENTATION

LET'S GO !!!