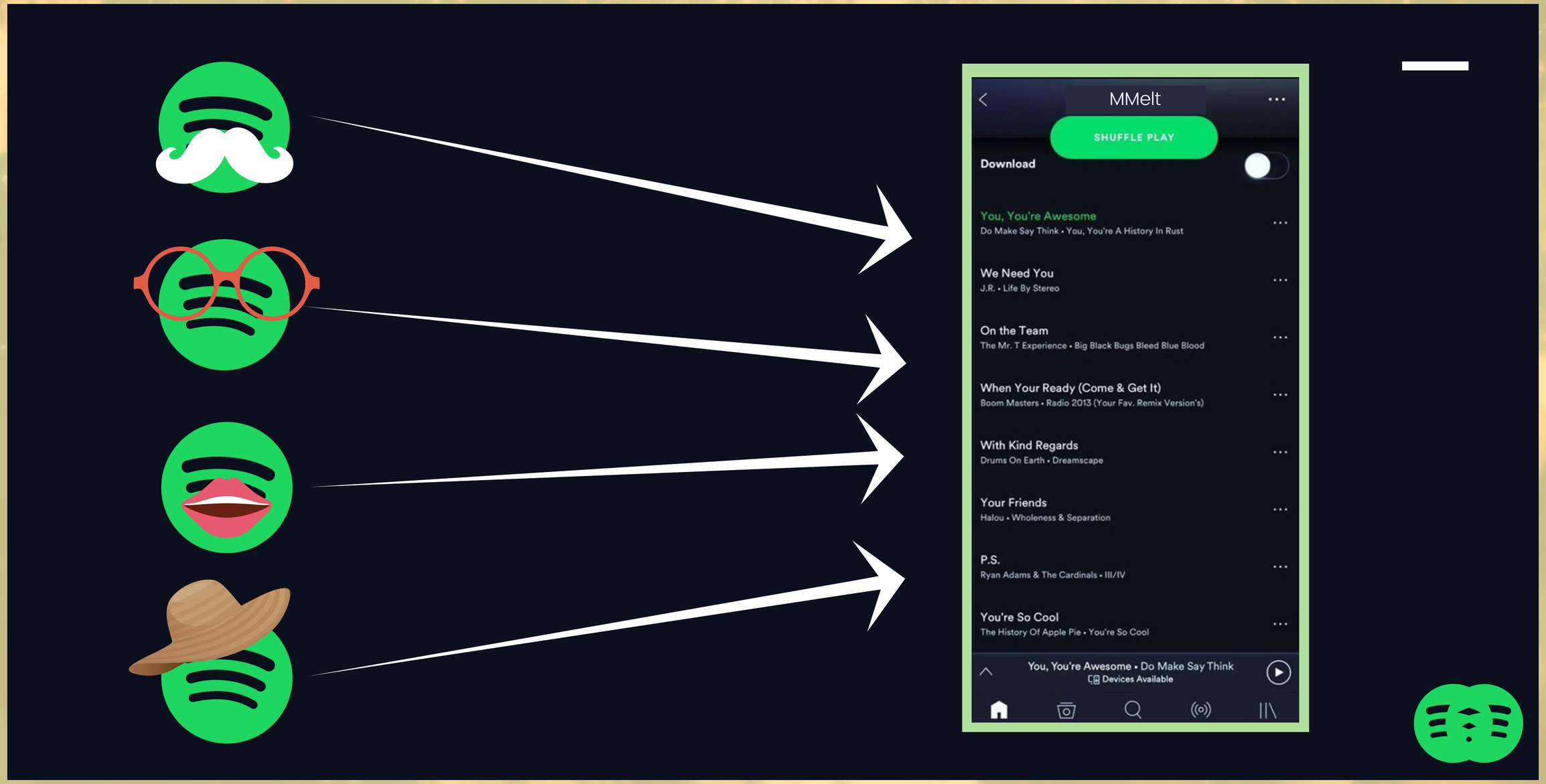
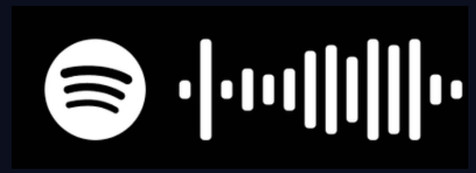
MMelt

DATA · FINAL PROJECT

Juan José Pascual


MMelt
SHUFFLE PLAY
Download
You, You're Awesome
Do Make Say Think • You, You're A History In Rust
We Need You
J.R. • Life By Stereo
On the Team
The Mr. T Experience • Big Black Bugs Bleed Blue Blood
When Your Ready (Come & Get It)
Boom Masters • Radio 2013 (Your Fav. Remix Version's)
With Kind Regards
Drums On Earth • Dreamscape
Your Friends
Halou • Wholeness & Separation
P.S.
Ryan Adams & The Cardinals • III/IV
You're So Cool
The History Of Apple Pie • You're So Cool
You, You're Awesome • Do Make Say Think
Devices Available

INPUT:



- Lucía: https://open.spotify.com/user/lucia_p_f?si=lz3-PqXzRNu-B-1GhwBU
- José: https://open.spotify.com/user/sedepa
- Juanjo: https://open.spotify.com/user/1116864324?si=exyopc4qQre-mDva6b-TYg

sp.user(user_uri) → **Display name**

User URI	lucia_p_f	sedepa	1116864324
Display Name	Lucia Pascual	José de Pablo	Juanjo P Fdez

sp.user_playlists(user_uri) → **Playlists names**

	lucia_p_f	sedepa	1116864324
A little of verguenza, please	NaN	0eLjCQyrbElR5CRFrfnFut	NaN
AC OFF	NaN	4k7feiO3L2Bzyyqz5S6l58	NaN
Ace à Paris	NaN	42DFexvGBXVujLCm6ykpng	NaN
Al Son Club Social	NaN	43q3kTvmb88A50LRuteBhy	NaN
Aura	NaN	NaN	6h11eR0K5vDaK1TJZYS7lP
BUTTS AND COKE	NaN	NaN	2queEpoimELODKW09qUZlo
Baby you and me	NaN	6eQQ7nRAEEZAWUbo5WR0ea	NaN
Beatz	NaN	2PmakmJmx78XFKyOhkUsLo	NaN
Bonfire.	NaN	3192YgEOlTddV20JHfcPPz	NaN

PETICIÓN:

mygroup: {'**users**': {'lucia_p_f': ['Españolas', 'Míticas'],
'sedepa': ['MAD', 'Más Eñe', 'Palante'],
'1116864324': ['Luck is an Attitude', 'Costa Rica']},

'**genres**': ['Pop', 'Rock'],

'**new_playlist_name**': 'Thank you MMelt - Pop/Rock'}

OBTENCIÓN TEMAS:

sp.user_playlist_track(playlist_uri) → **Tracks URIs**

↳ JSON ↴

```
{'lucia_p_f': [
        {'playlist_URI':
            [{'track_uri': '3qIzKR4VRDJvcJo7jw12Ox',
              'track_name': 'Cocotera',
              'artist': ['Alberto gambino', '2KaaIknCVW5SstugreNkha'],
              'date_added': datetime.date(2018, 10, 7)}
```

FILTRADO POR GÉNERO:

`sp.artist(artist_uri)` → **Artist genre**

```
{'0cWqRMk3D45eG7PpILb4OL': ['minimal tech house', 'tech house'],
 '6H77vD9YyhyxHBTkRpbMBk': ['dark techno', 'deep euro house'],
 '6AST5BAhARWnhaXlMnXGp7': ['deep house', 'disco house', 'funky tech house'],
```

OBTENCIÓN DE TEMAS POPULARES:

final_track_URIs = [track1_uri, track2_uri,...]

final_track_URIs_pop = [1stmost_pop, 1stmost_pop, 2ndmost_pop,...]

final_track_URIs_unique = [1stmost_pop, 2ndmost_pop, 3rdmost_pop,...]

CREACIÓN DE LA NUEVA PLAYLIST:

```
sp.user_playlist_create(host, name)
```

↓

```
sp.user_playlist_add_tracks(host, playlist_uri, tracks)
```