

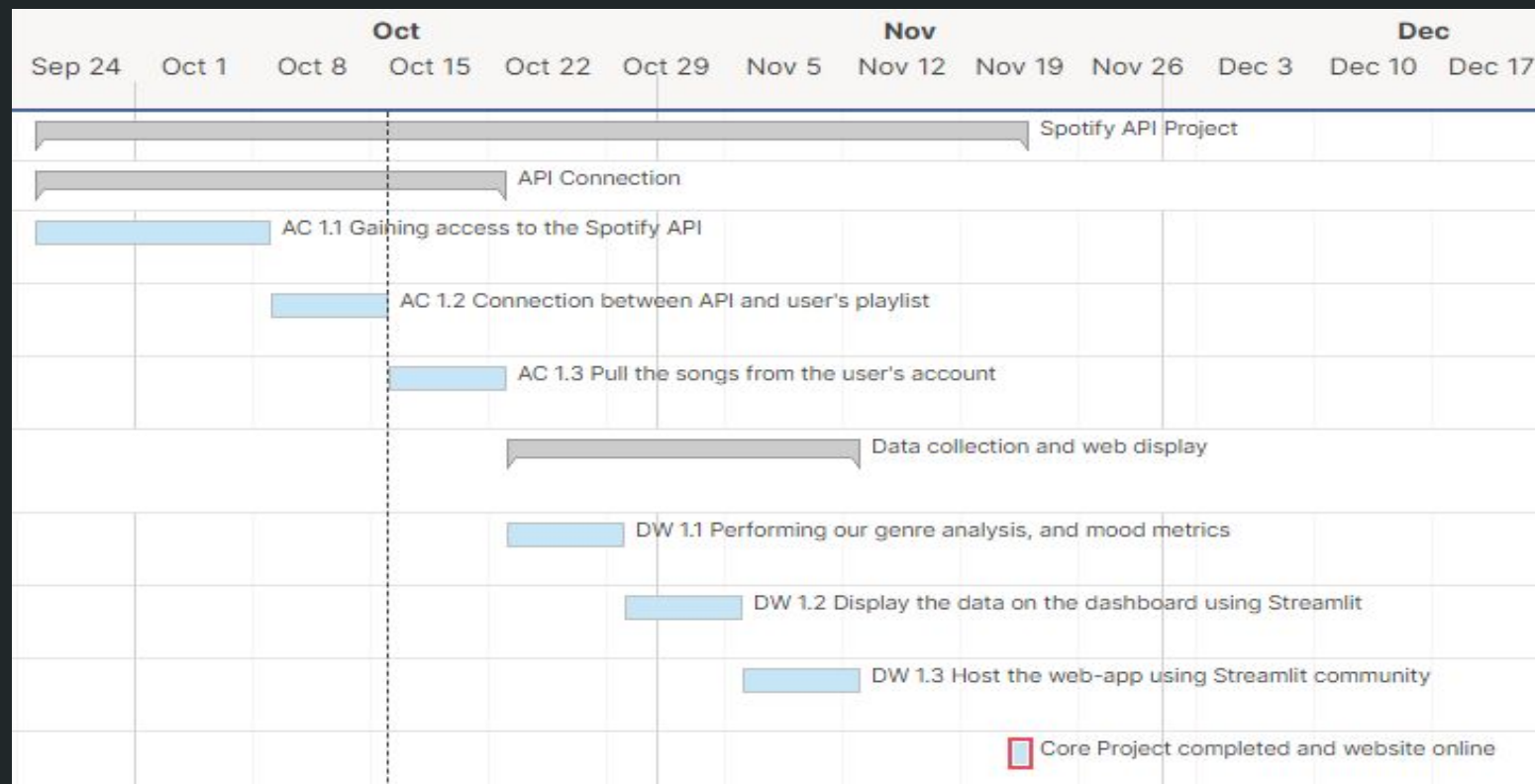
Vibify - Spotify playlist analyzer

Comprised of the Big Data Guys: Ian Mccourt, Dean Burg, Aaron Dies, Clay Beal

Vibify - A High Level Description

- A Spotify Playlist analyzer
 - Computes the genre, mood, and recommendations based on a user playlist.
- Ability to paste a link for analysis
- Ability to login
- Gives clickable recommendations to songs on Spotify, based on the given playlist

Gantt Chart - Time Goals



vibify.streamlit.app



How to:

1. Go to Spotify library
2. Select a public playlist
3. Go to sharing or three dots
4. Select copy link
5. Paste copied link into Vibify
6. View playlist analysis

Changes since Midterm presentation:

Old Format:

The screenshot shows a web browser at `localhost:8501` displaying a Spotify Playlist Analyzer. The browser's taskbar at the top shows several open tabs: CIS310, CIS350, Discrete Mathema..., Blackboard, and Apache Guacamole. A notification for 'New Chrome available' is present in the top right.

The application interface consists of a sidebar on the left and a main content area on the right.

Sidebar:

- Header: Enter the name of the Spotify playlist:
- Input field: RapCaviar

Main Content Area:

- # Spotify Playlist Analyzer
- ## RapCaviar
- Description:** New music from Kodak Black, Key Glock and Offset.
- Number of tracks:** 50
- ### Tracklist
- Table with 7 columns: Name, Artist, Album, Release Date, Popularity, Duration (ms), Mood.

Name	Artist	Album	Release Date	Popularity	Duration (ms)	Mood
SAY MY GRACE (feat. Travis Scott)	Offset, Travis Scott	SET IT OFF	2023-10-13	77	173253	
First Person Shooter (feat. J. Cole)	Drake, J. Cole	For All The Dogs	2023-10-06	89	247444	
fukumean	Gunna	a Gift & a Curse	2023-06-16	95	125040	
I KNOW ?	Travis Scott	UTOPIA	2023-07-28	92	211582	
From A Man	Young Thug	From A Man	2023-10-13	63	207133	
Hope You Know	Kodak Black	Hope You Know	2023-10-13	61	227184	

New Format:



Enter the URL of the Spotify playlist:

<https://open.spotify.com/playlist/37i9dQ>

Spotify Playlist Analyzer



RapCaviar

Description: Music Jack Harlow,
Drake and Sexyy Red.

Number of tracks: 50

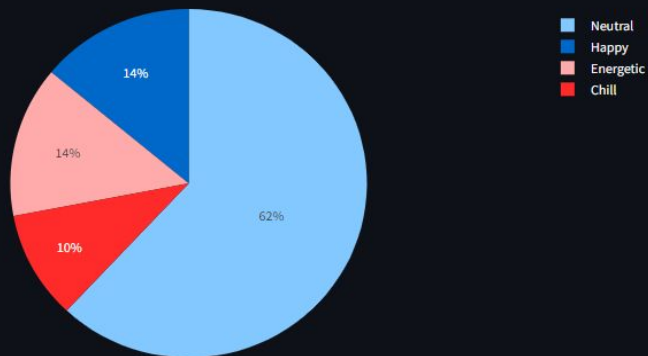
Total Time: 2 hours 33 minutes

Tracklist

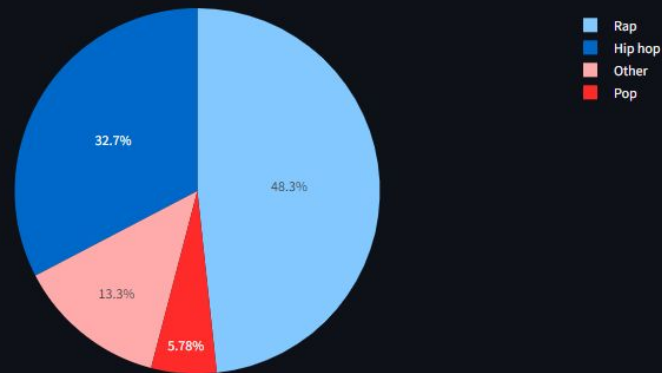
	Name	Artist	Album	Release Date
1	IDGAF (feat. Yeat)	Drake, Yeat	For All The Dogs	2023-10-06
2	Lovin On Me	Jack Harlow	Lovin On Me	2023-11-10
3	Surround Sound (feat. 21 Savage & Baby Tate)	JID, 21 Savage, Baby Tate	The Forever Story (E	2022-10-31
4	Loop Hole (feat. 21 Savage)	Tee Grizzley, 21 Savage	Tee's Coney Island	2023-11-03
5	500lbs	Lil Tecca	500lbs	2023-07-21
6	Climate (feat. Offset)	BigXthaPlug, Offset	THE BIGGEST	2023-12-01
7	First Person Shooter (feat. J. Cole)	Drake, J. Cole	For All The Dogs	2023-10-06
8	Soak City (Do It)	310babii	Lottery Pick	2023-06-16
9	SAY MY GRACE (feat. Travis Scott)	Offset, Travis Scott	SET IT OFF	2023-10-13
10	First Day Out (Freestyle)	Rundown Spaz	First Day Out (Freest	2023-09-05

Mood Metrics, genre analysis, and popularity rating

Mood Percentages

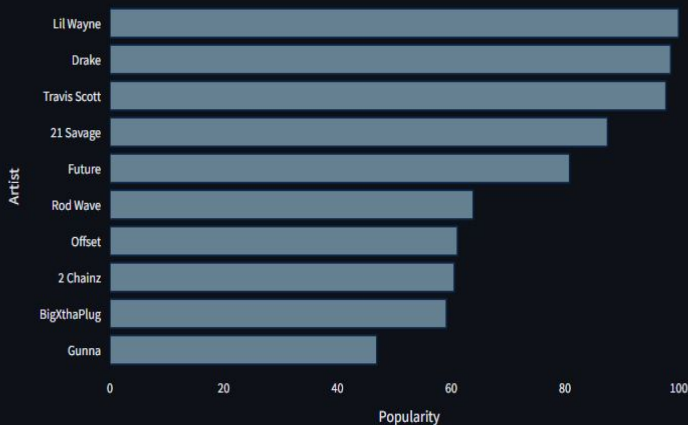


Genre Percentages



Mood Metrics, genre analysis, and popularity rating

Top 10 Artists by Popularity



Top 10 Songs by Popularity

