Big Data Guys

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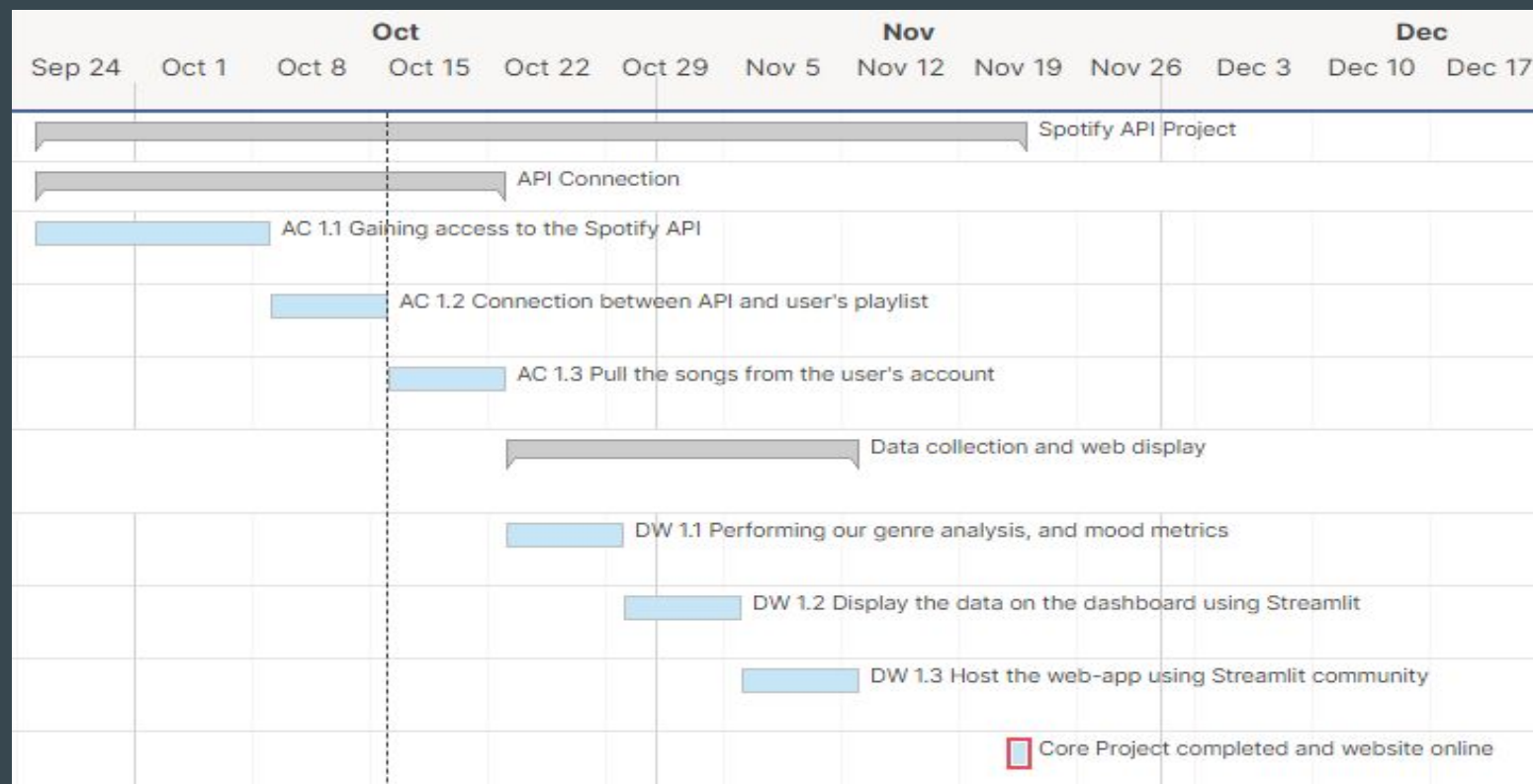
Comprised of: Aaron Dies, Dean Burg, Clay Beal, Ian McCourt

Spotify Playlist Analyzer - A High Level Description

- Web-hosted playlist analyzer
  - Genre and Mood Metrics
- Ability to Login
- Ability to Paste Link
- Charts to Display Analysis
  - Pie chart for genres
  - Bar charts for mood metrics

Gantt Chart

Spotify Playlist Analyzer

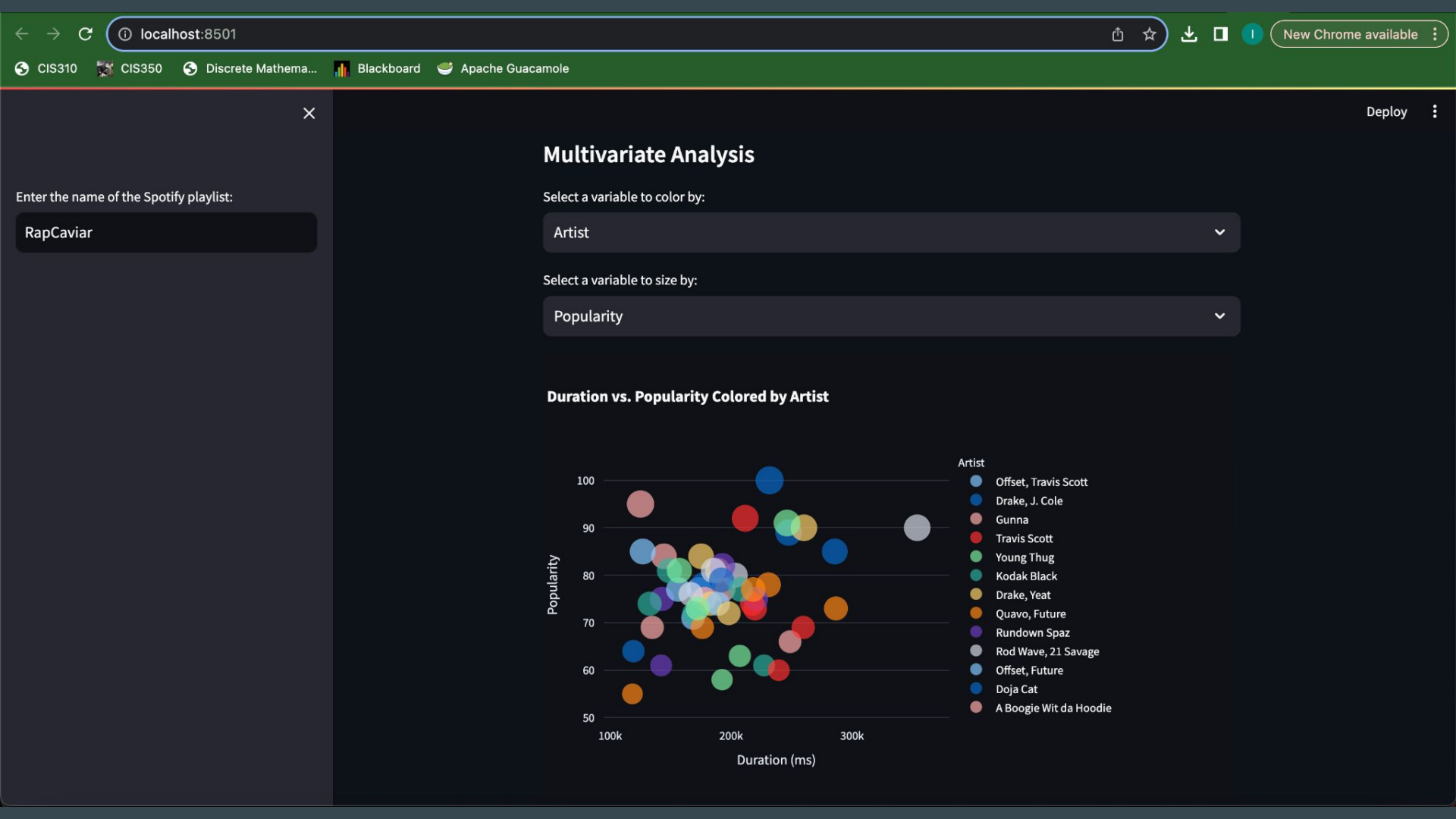Enter the name of the Spotify playlist:

RapCaviar

RapCaviar

Description: New music from Kodak Black, Key Glock and Offset.

Number of tracks: 50

Tracklist

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

CIS310   CIS350   Discrete Mathema...   Blackboard   Apache Guacamole

Deploy

Multivariate Analysis

Enter the name of the Spotify playlist:

RapCaviar

Select a variable to color by:

Artist

Select a variable to size by:

Popularity

Duration vs. Popularity Colored by Artist

Artist
- Offset, Travis Scott
- Drake, J. Cole
- Gunna
- Travis Scott
- Young Thug
- Kodak Black
- Drake, Yeat
- Quavo, Future
- Rundown Spaz
- Rod Wave, 21 Savage
- Offset, Future
- Doja Cat
- A Boogie Wit da Hoodie

Popularity
100
90
80
70
60
50

100k   200k   300k
Duration (ms)

Tasks Remaining

- Connect user items
- Pull user songs
- Perform genre analysis and mood metrics
- Display the metrics on dashboard
- Host on an accessible website