

# SpotiFlow

## Sprint 2

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# SpotiFlow Gives You **Control** Over Your **Algorithm**

**Recommend**

# SpotiFlow Dashboard



## Weekly Wrapped // Your Listening Analytics

Energy Score

50%

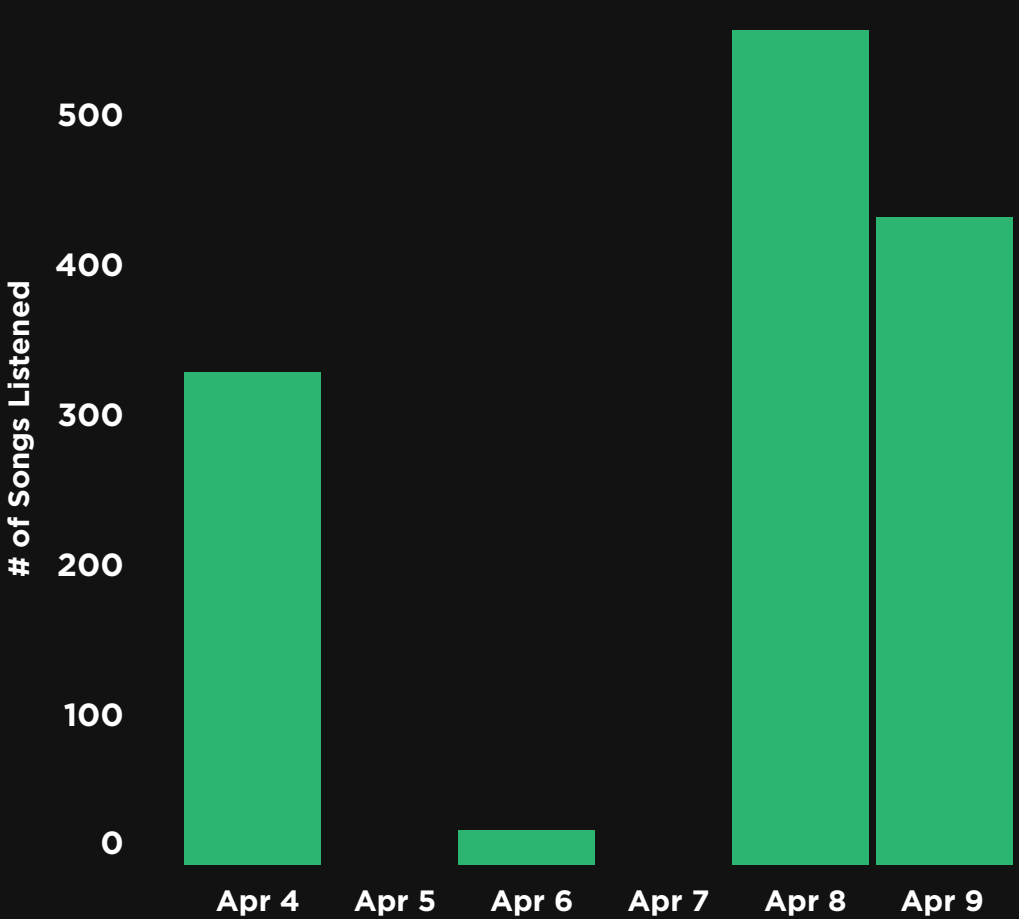
Musicality Score

10%

Listening Vibe

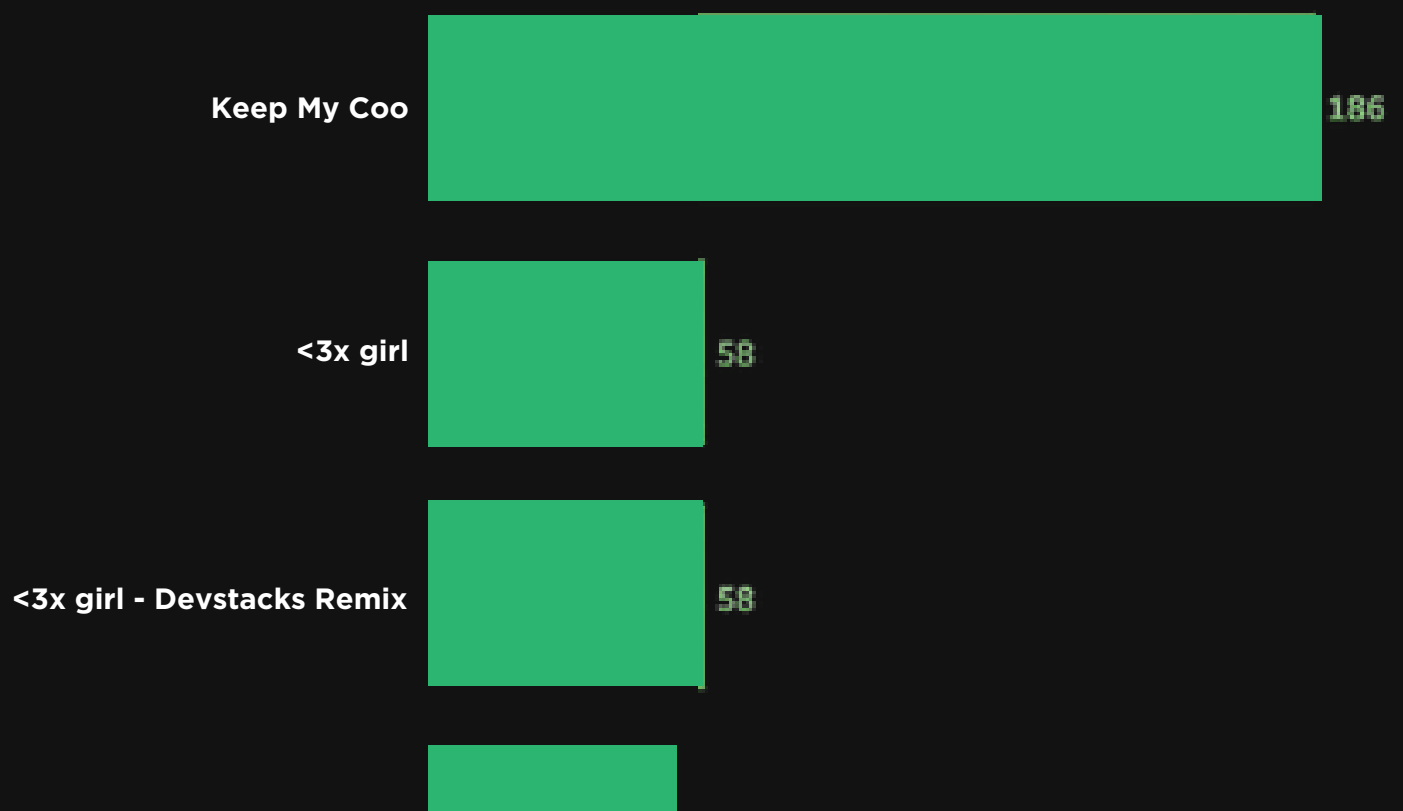
Slightly Sad

Weekly Listening (# of Songs)



Weekly Top Songs

Top Tracks by Listens



Top Songs

0 100%

You listened to music for a total of 3,575 minutes

# Diagnostic Dashboard



# SpotiFlow

## Internal Dashboard



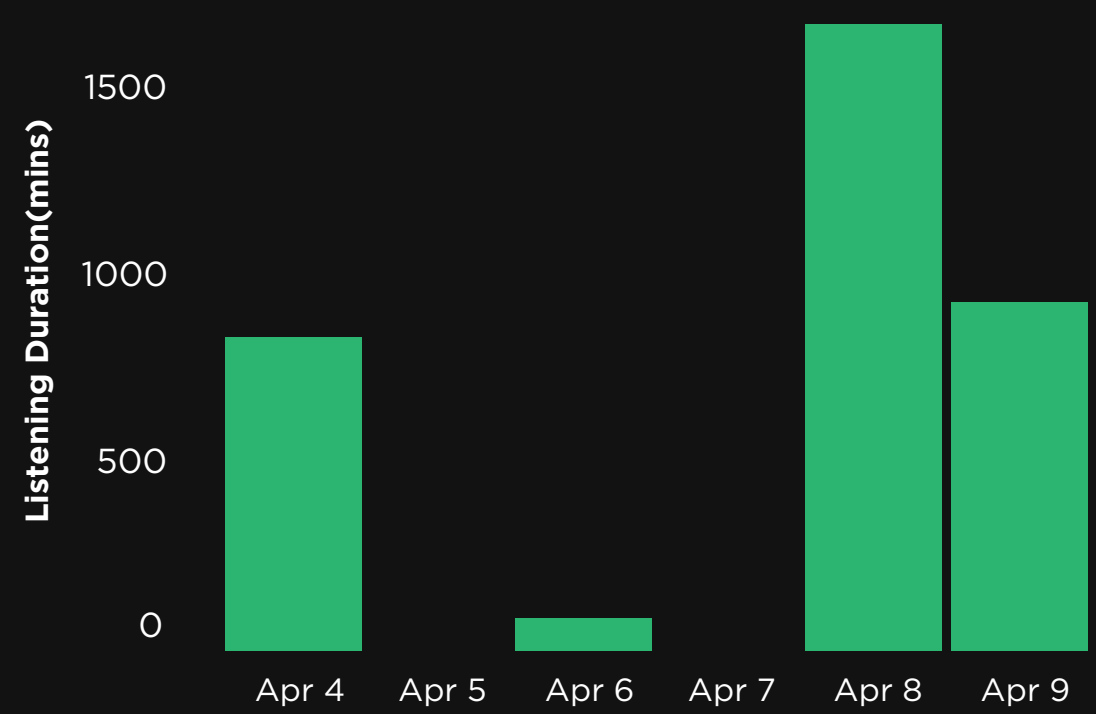
# Weekly Wrapped - User Analytics

Artist Name

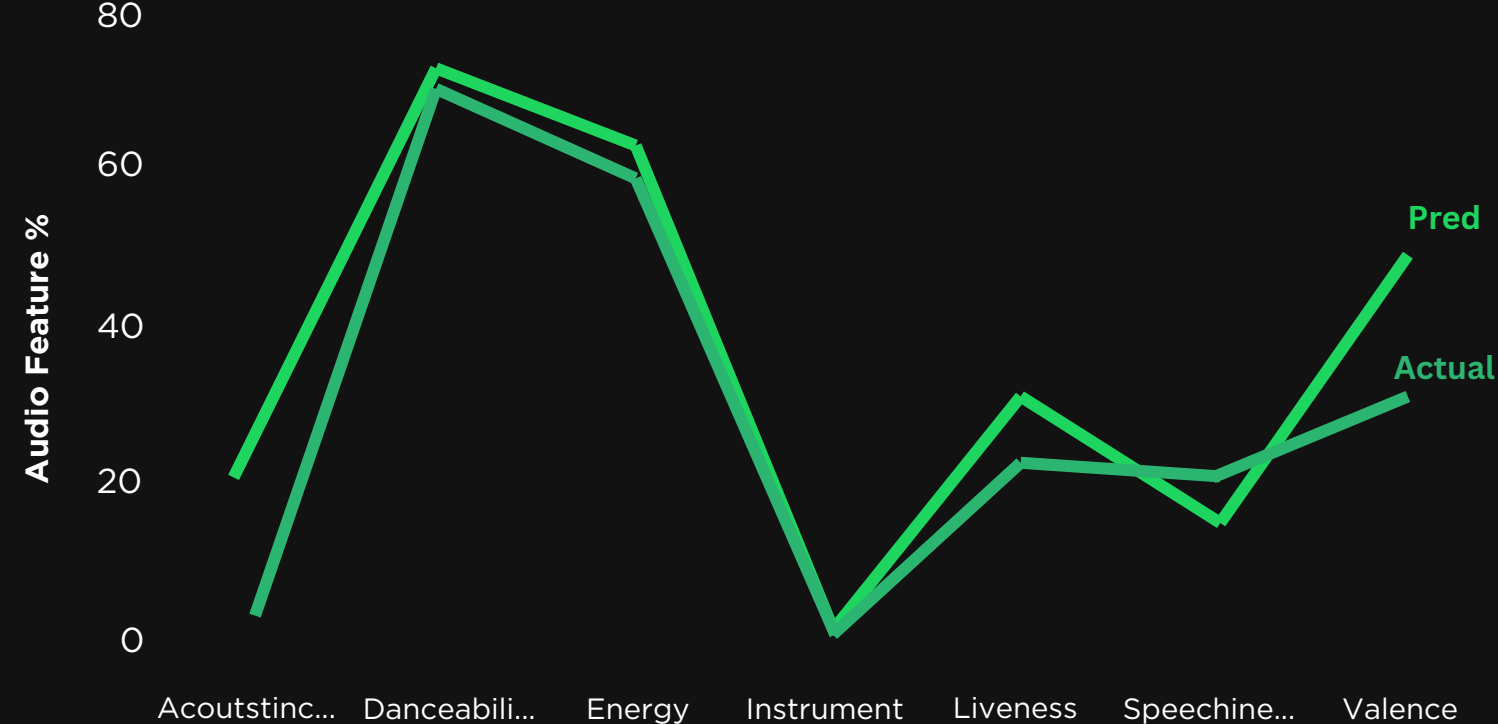
Track Name

Top Song # (Prediction)  
(All)

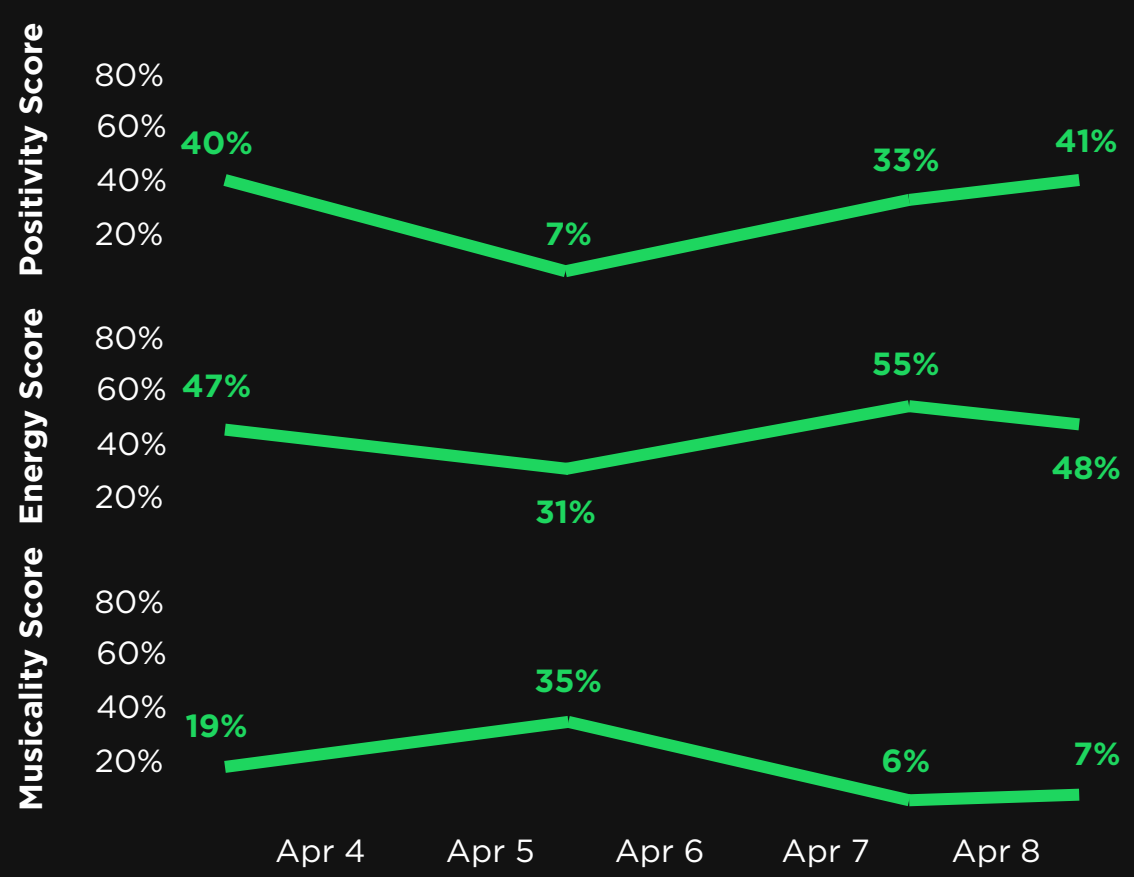
Weekly Listening (mins/day)



Predicted vs Actual Feature Similarity

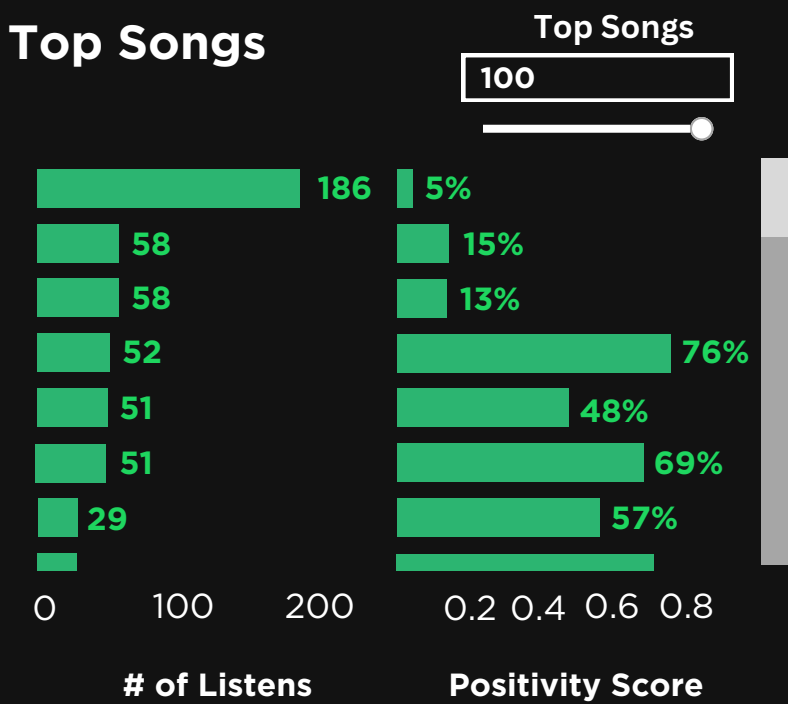


Audio Feature Time Series



- Top Tracks By Listens
- Keep My Coo
  - <3x girl - Devstacks Remix
  - <3x girl
  - Theme Song
  - no keys
  - geek
  - Whole Thang

- Artist Name
- Lil Peep
  - wrldn3ro
  - wrldn3ro
  - Sig. Carlito
  - Sig. Carlito
  - Sig. Carlito
  - UnoTheActivist



Average Energy

50%

Average Musically

10%

Listening Vibe

Slightly Sad

# Weekly Wrapped - User Analytics

Artist Name ▼

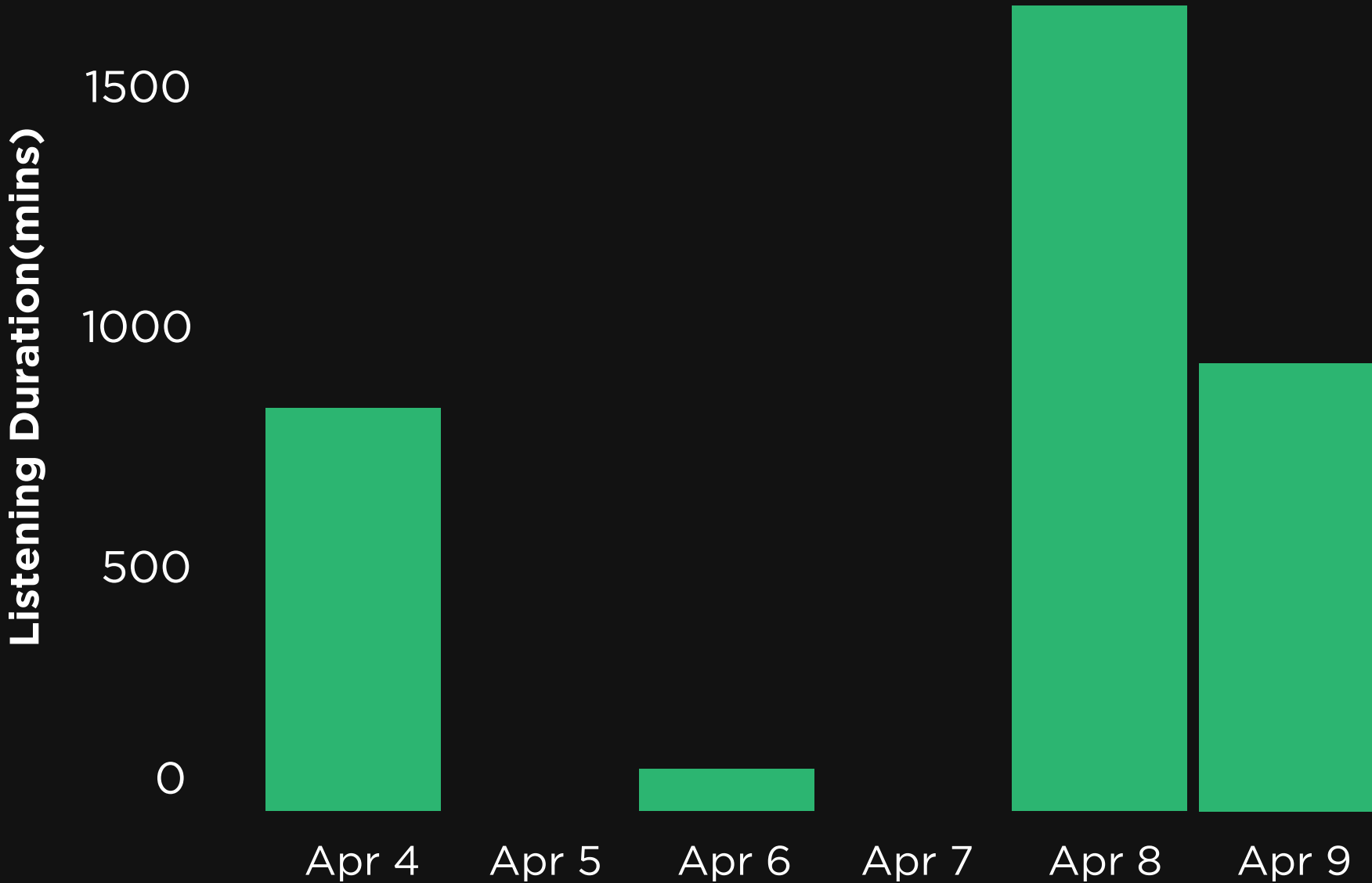
Track Name ▼

Filter by Day, Artist, and Song

How many minutes are users listening on our platform?



Weekly Listening (mins/day)



# Weekly Wrapped - User Analytics

## View Weekly “At-A-Glance” Metrics

What songs are users listening to the most?

What are their key listening metrics?



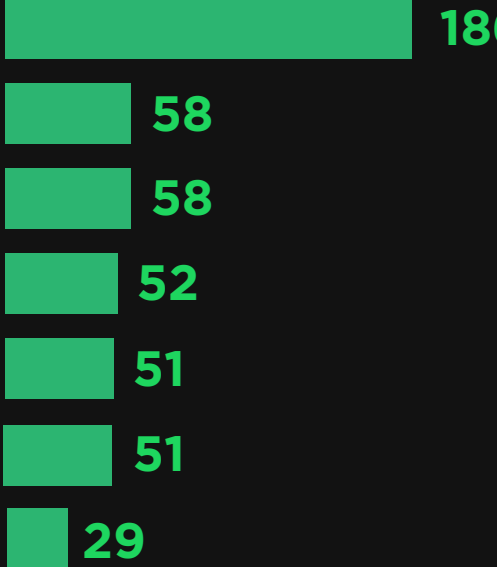
### Weekly Top Songs

#### Top Tracks By Listens

Keep My Coo  
<3x girl - Devstacks Remix  
<3x girl  
Theme Song  
no keys  
geek  
Whole Thang

#### Artist Name

Lil Peep  
wrldn3ro  
wrldn3ro  
Sig. Carlito  
Sig. Carlito  
Sig. Carlito  
UnoTheActivist

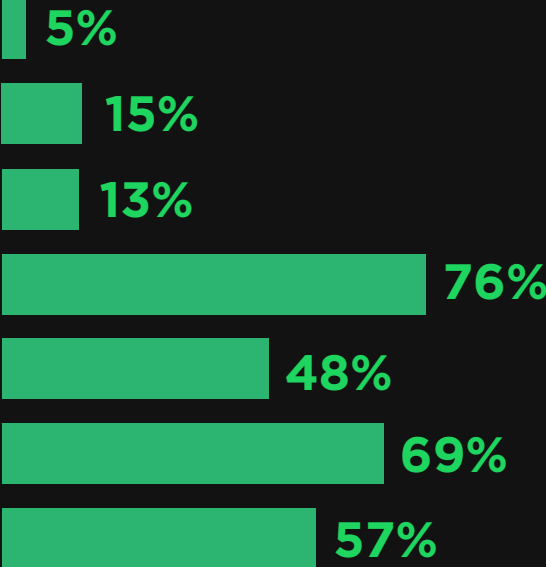


0 100 200

# of Listens

#### Top Songs

100



0.2 0.4 0.6 0.8

Positivity Score

Average  
Energy

50%

Average  
Musicality

10%

Listening Vibe

Slightly Sad

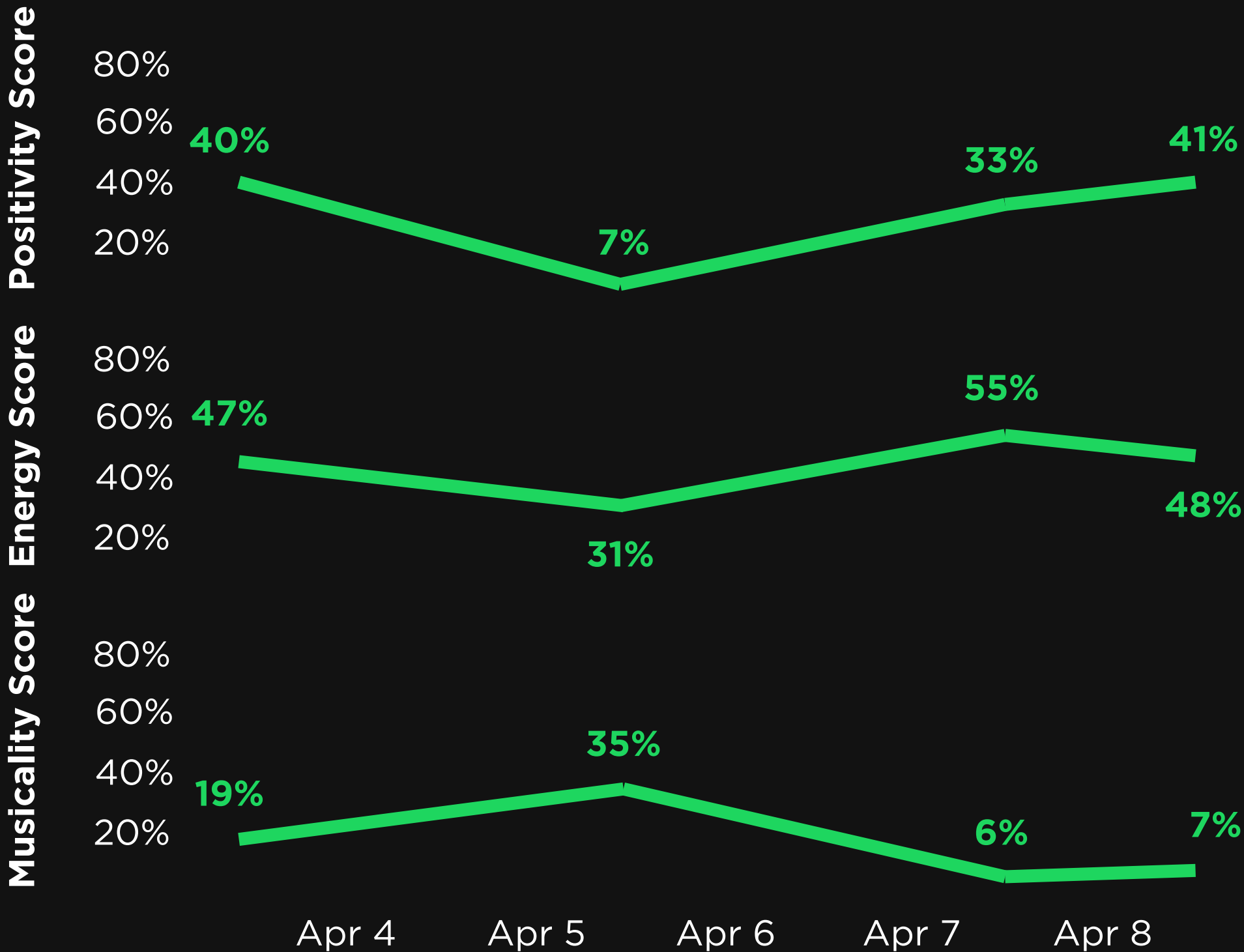
# Change in Audio Feature Metrics Over Time

How are user's listening "emotions" changing throughout the week?



## Weekly Wrapped - User Analytics

Audio Feature Time Series





# Weekly Wrapped - User Analytics

## Recommended Songs vs User's Top Songs

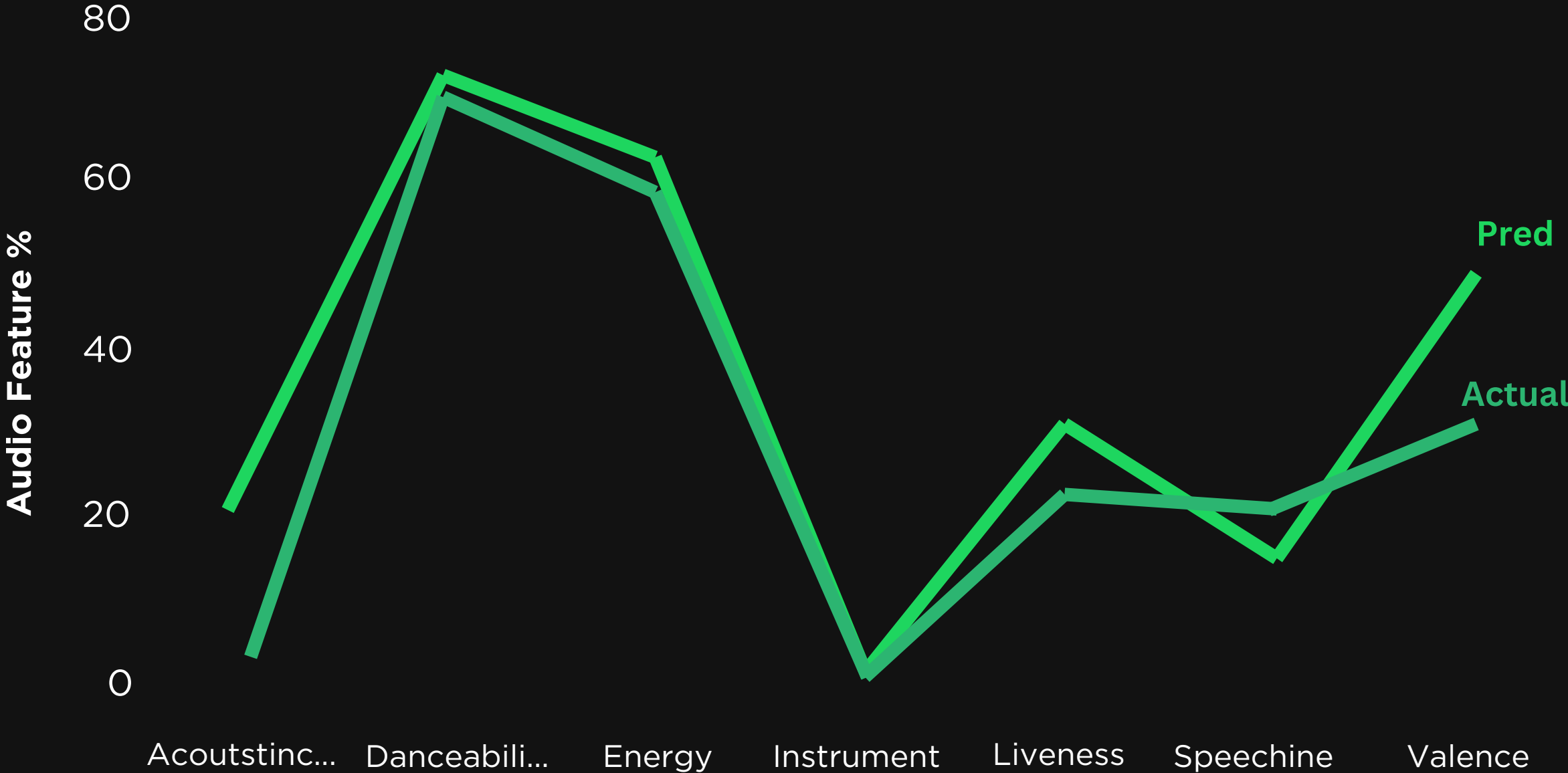
How similar (accurate) are the recommended songs to the selected User's Top Song?



Top Song # (Prediction)

(All) ▼

### Predicted vs Actual Feature Similarity



# Weekly Wrapped - User Analytics

Artist Name

Track Name

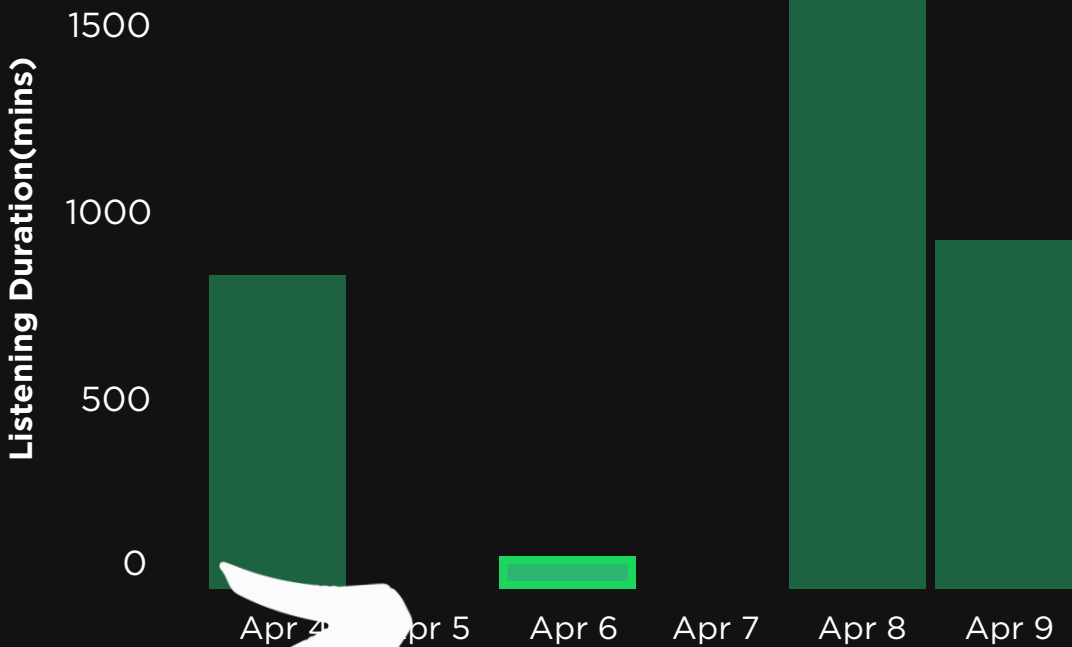
Top Song # (Prediction)

(All)

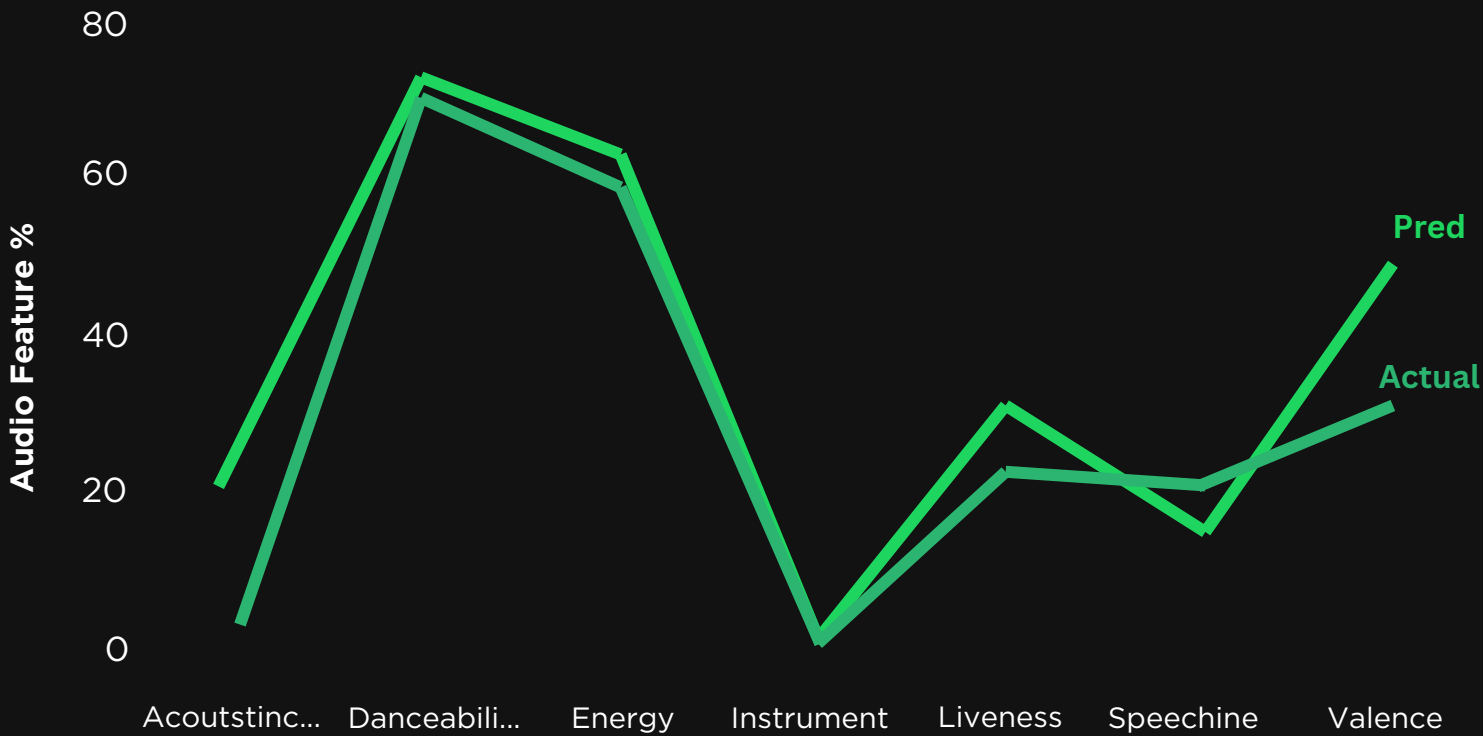
Drill Down by Day

For Analytics on a User's Specific Listening Days

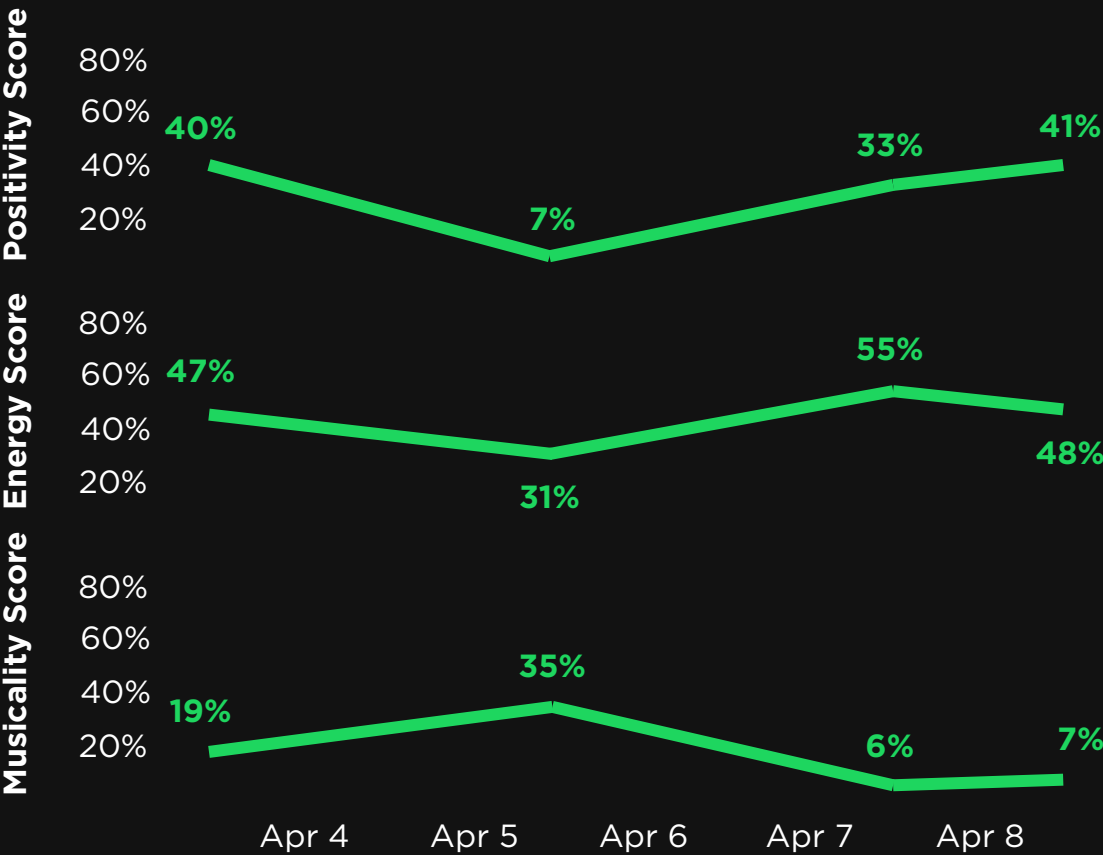
Weekly Listening (mins/day)



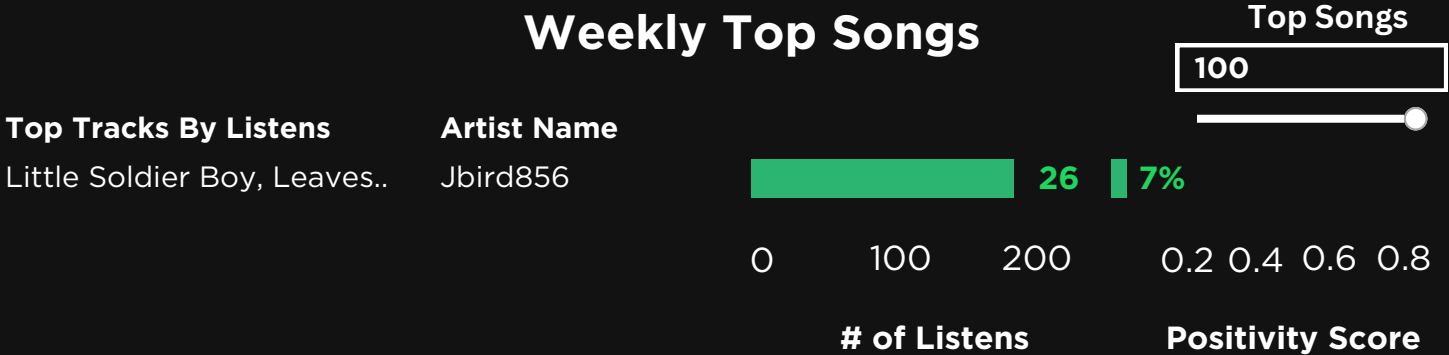
Predicted vs Actual Feature Similarity



Audio Feature Time Series



Weekly Top Songs



Average Energy

31%

Average Musicality

35%

Listening Vibe

Is Everything Okay?

# Weekly Wrapped - User Analytics



**Drill Down by Artist**  
For Analytics on an  
Artist from a User's  
Top Songs

Artist Name ▼  

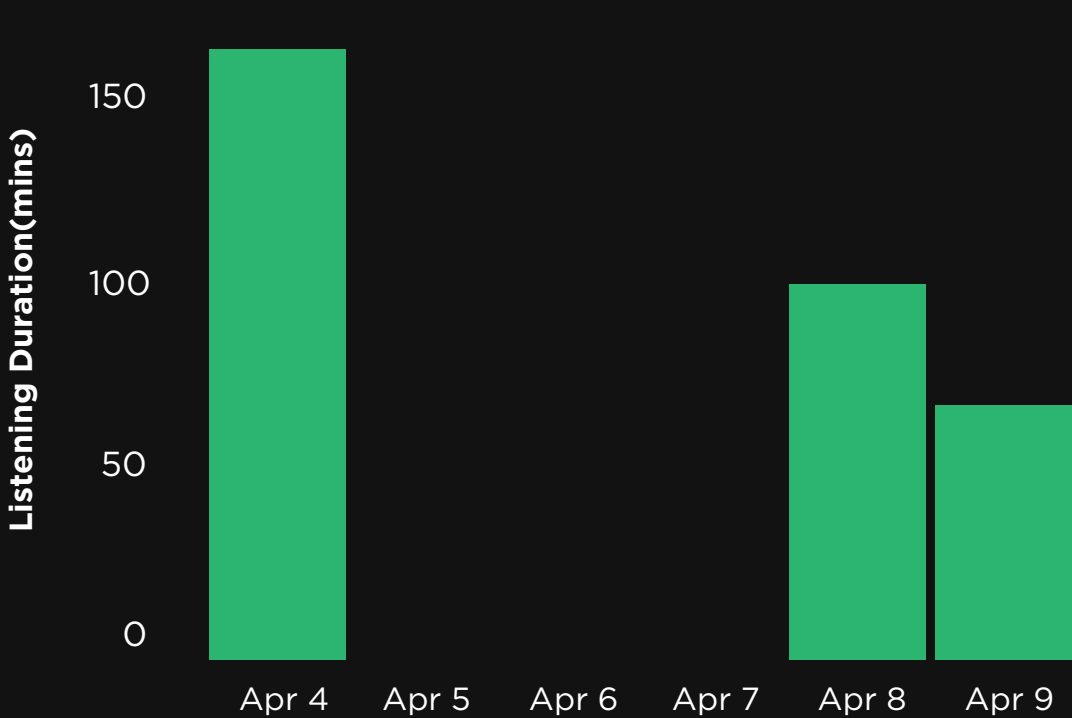
Sig. I  
☒ Sig. Carlito

Track Name ▼

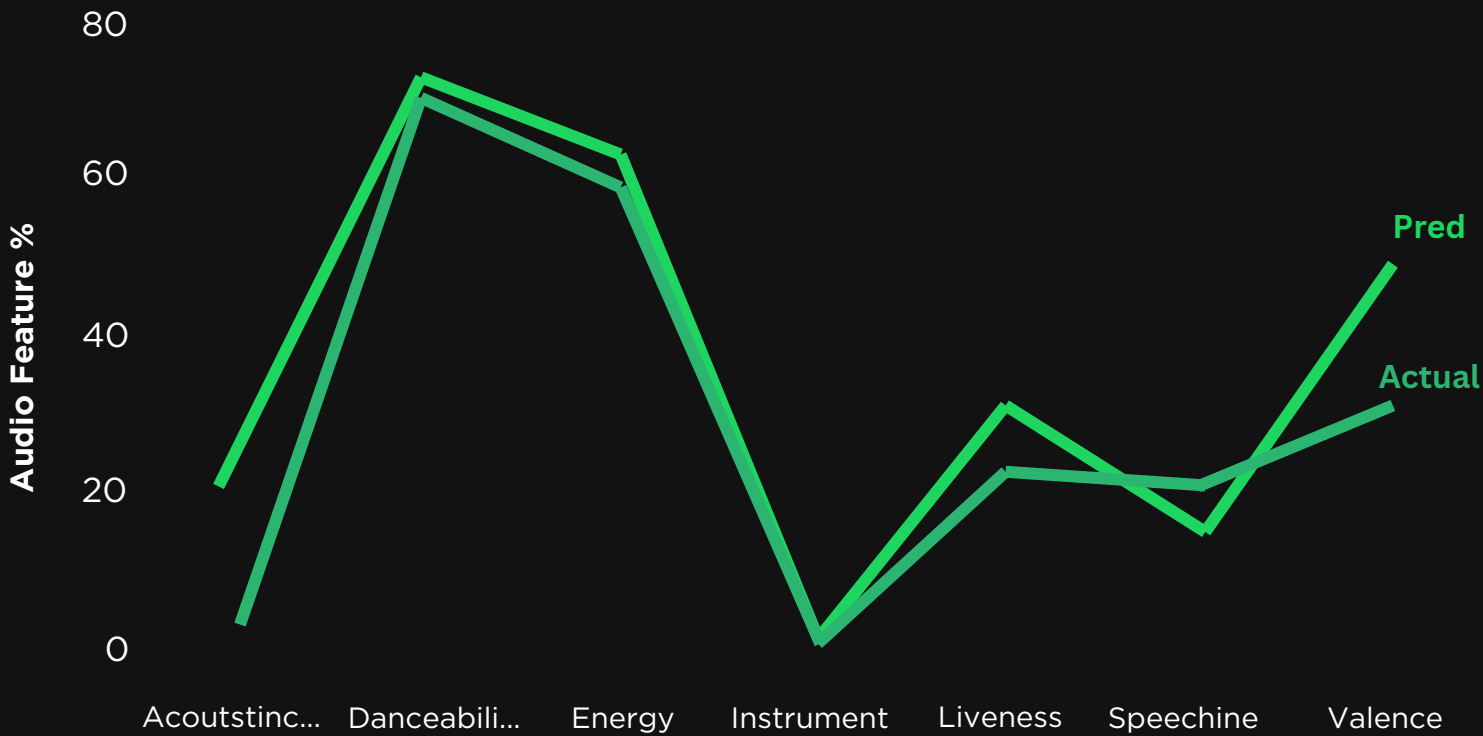
Top Song # (Prediction)  

(All) ▼

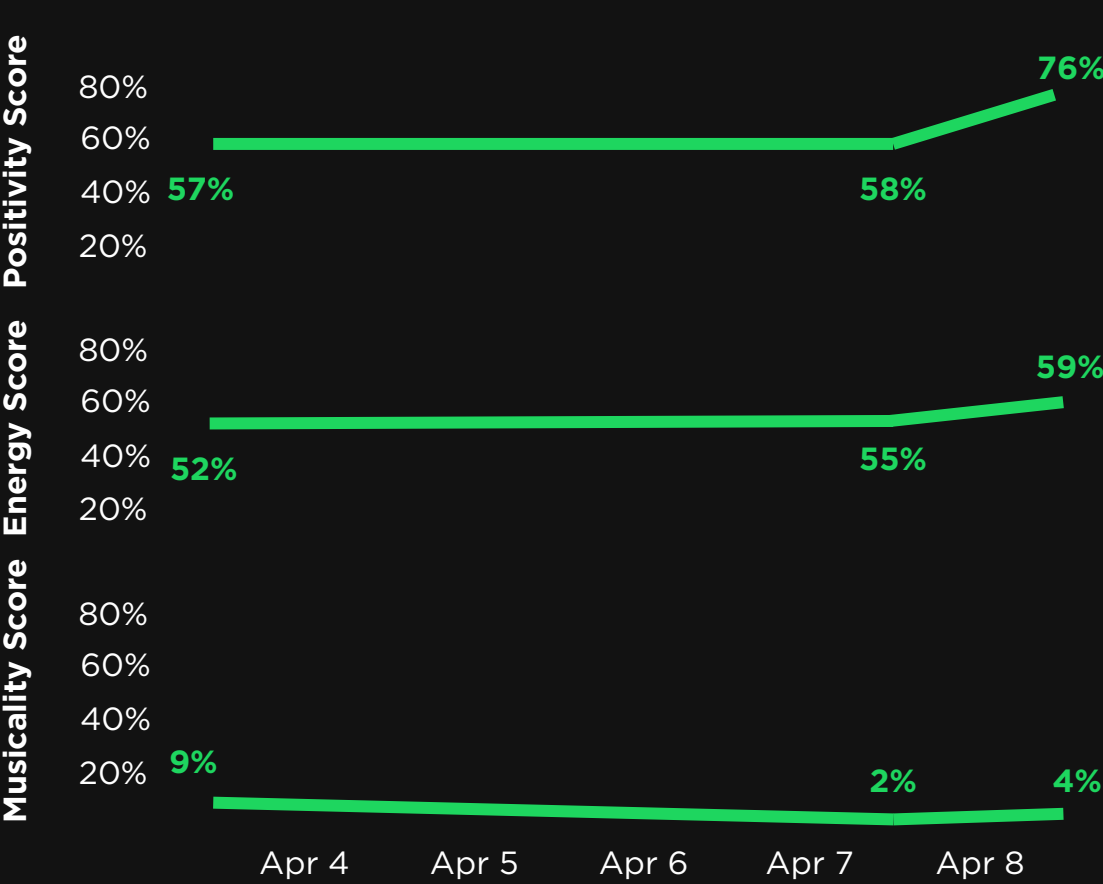
Weekly Listening (mins/day)



Predicted vs Actual Feature Similarity



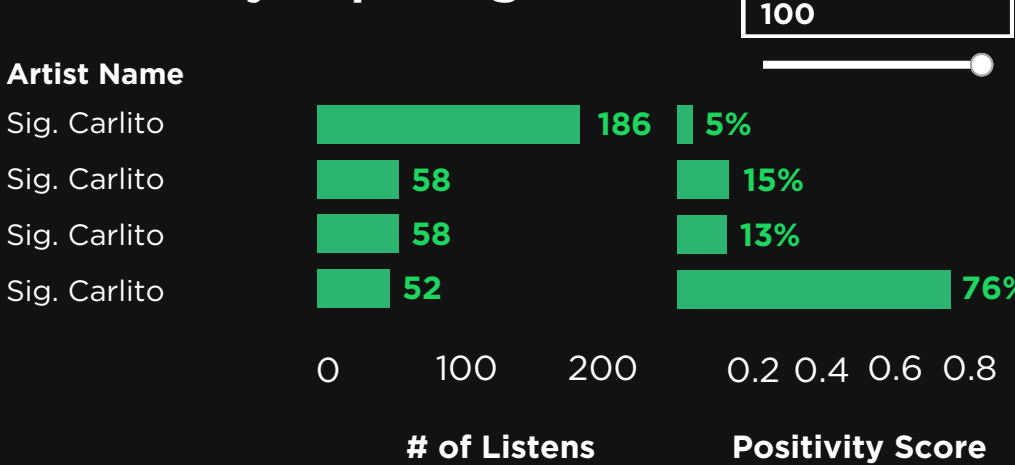
Audio Feature Time Series



Top Tracks By Listens

Theme Song  
no keys  
geek  
imy2

Weekly Top Songs



Average Energy

54%

Average Musicality

6%

Listening Vibe

Feeling Great

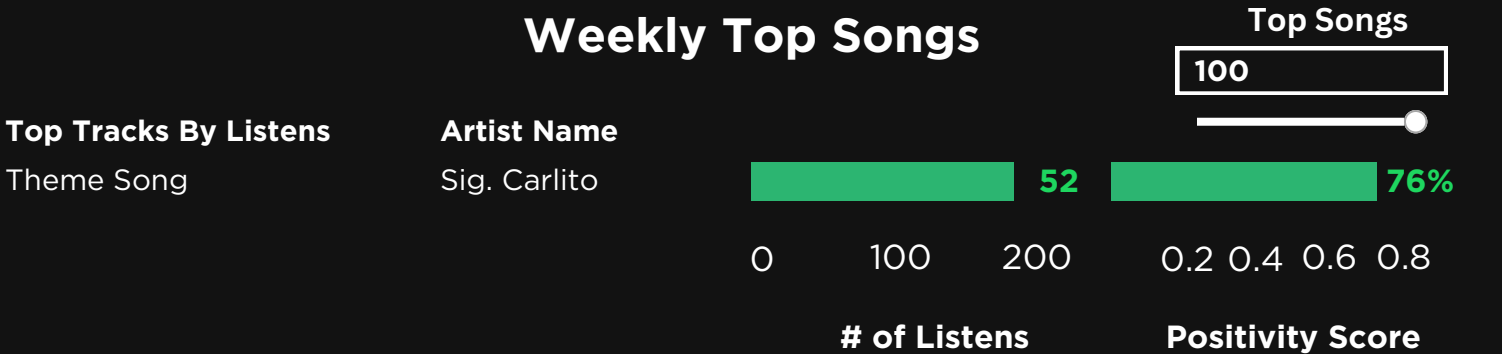
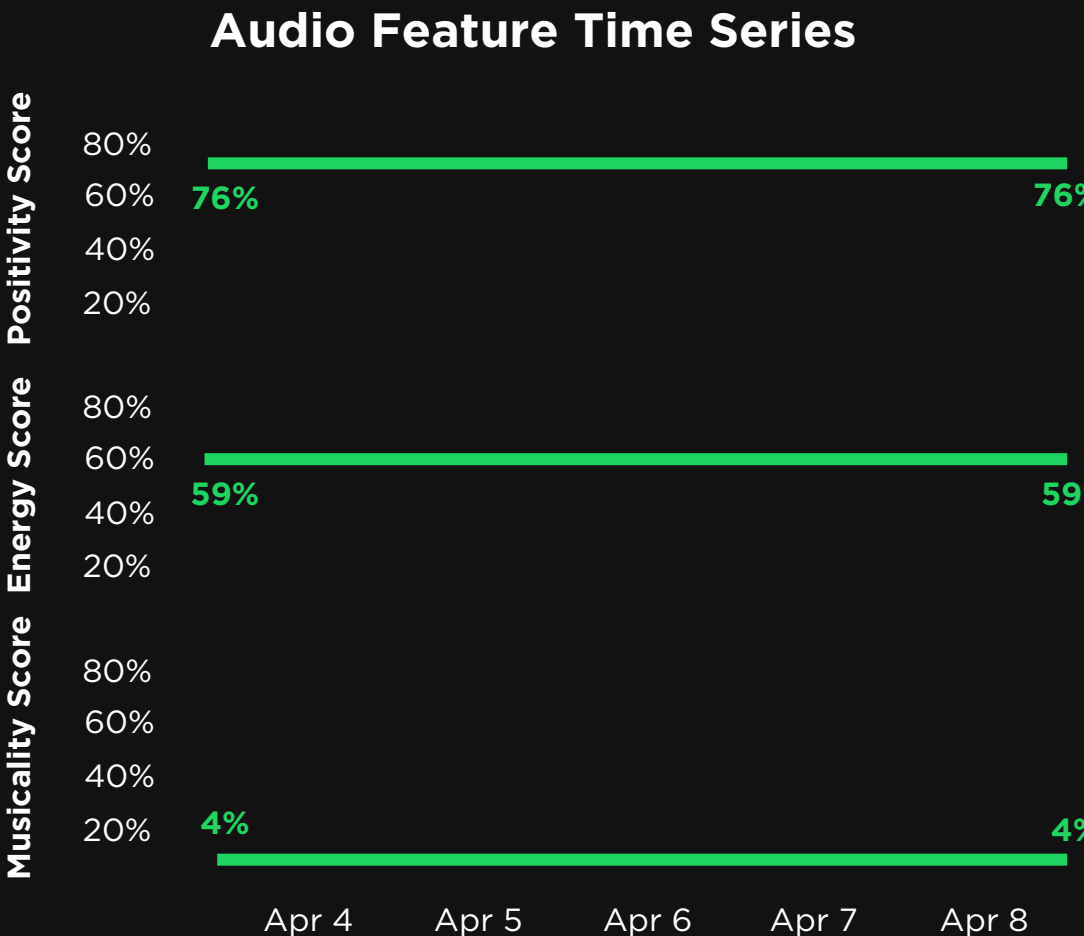
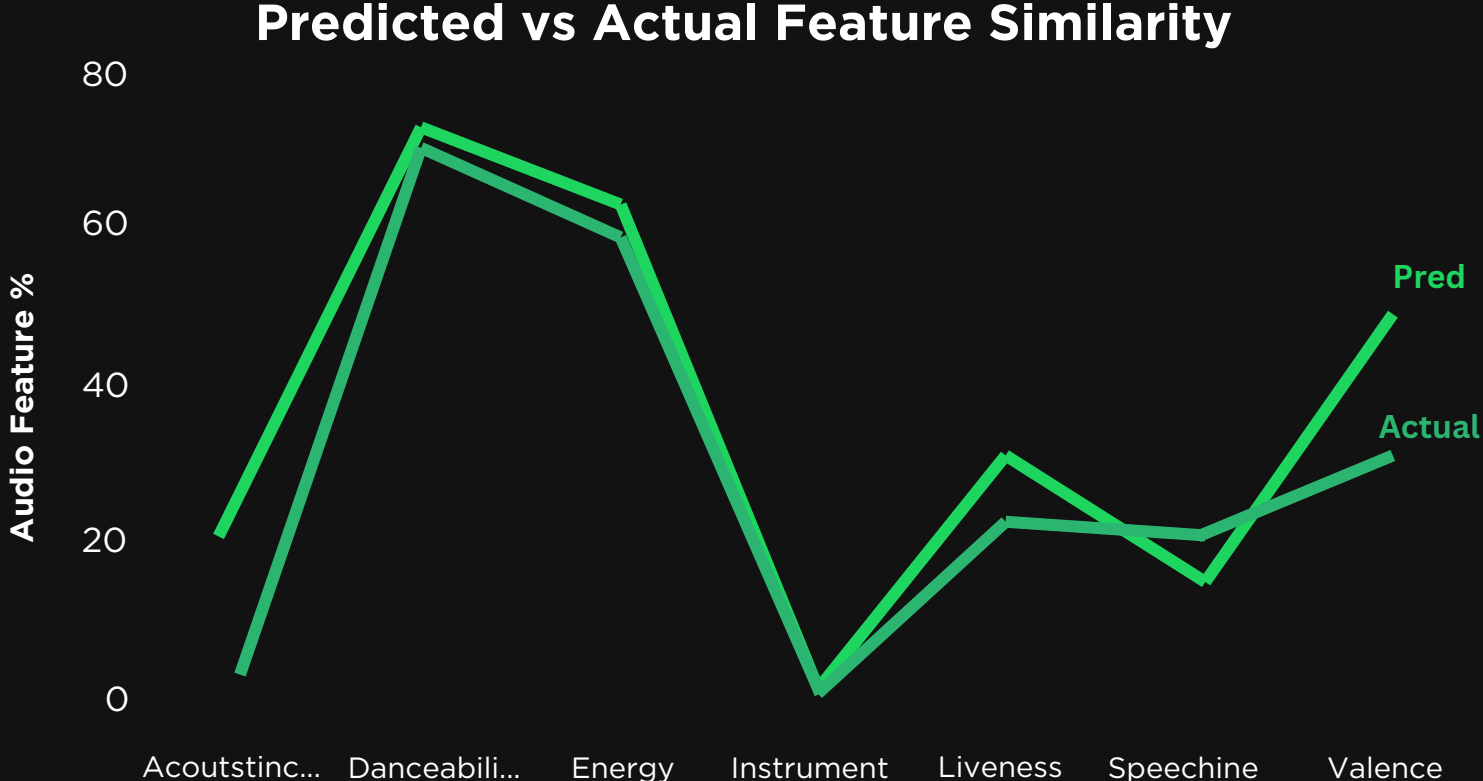
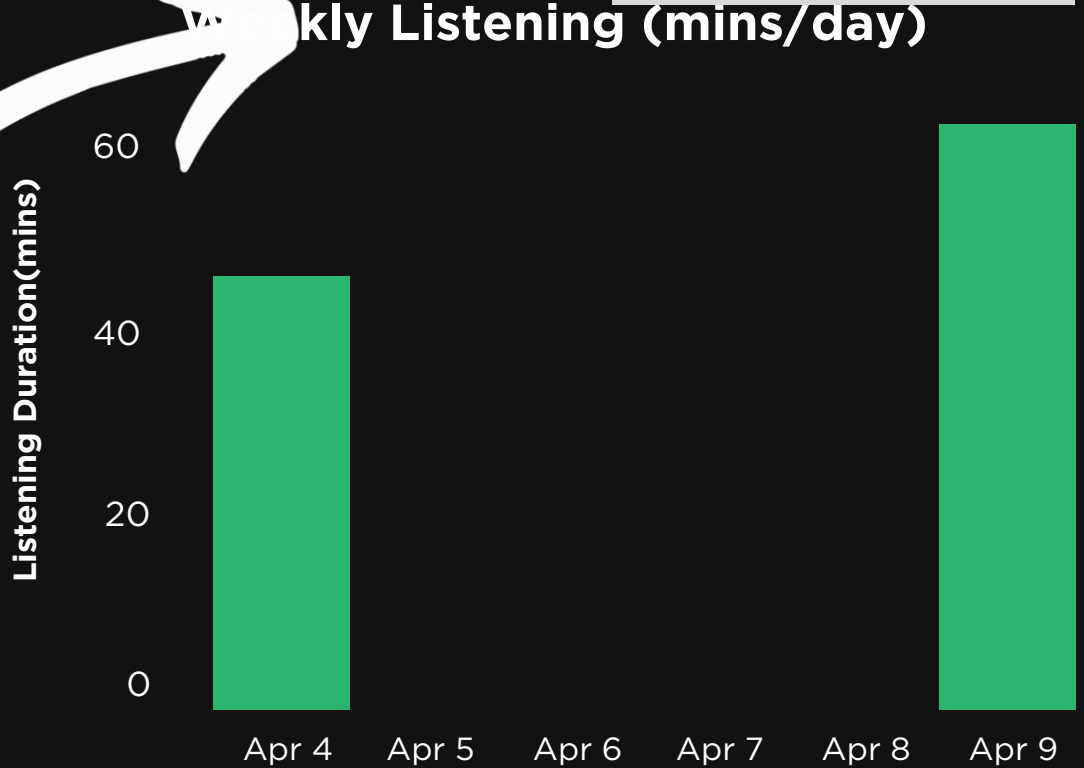
# Weekly Wrapped - User Analytics

Drill Down by Song  
For Analytics on a  
Track from a User's  
Top Songs

Artist Name

Track Name   
☒ Theme Song

Top Song # (Prediction)



# of Listens

Positivity Score

Average  
Energy

59%

Average  
Musicality

4%

Listening Vibe

A Little Too Happy

# Weekly Wrapped - User Analytics

Artist Name ▼

Track Name ▼

Top Song # (Prediction)

2 ▼

(All)

1

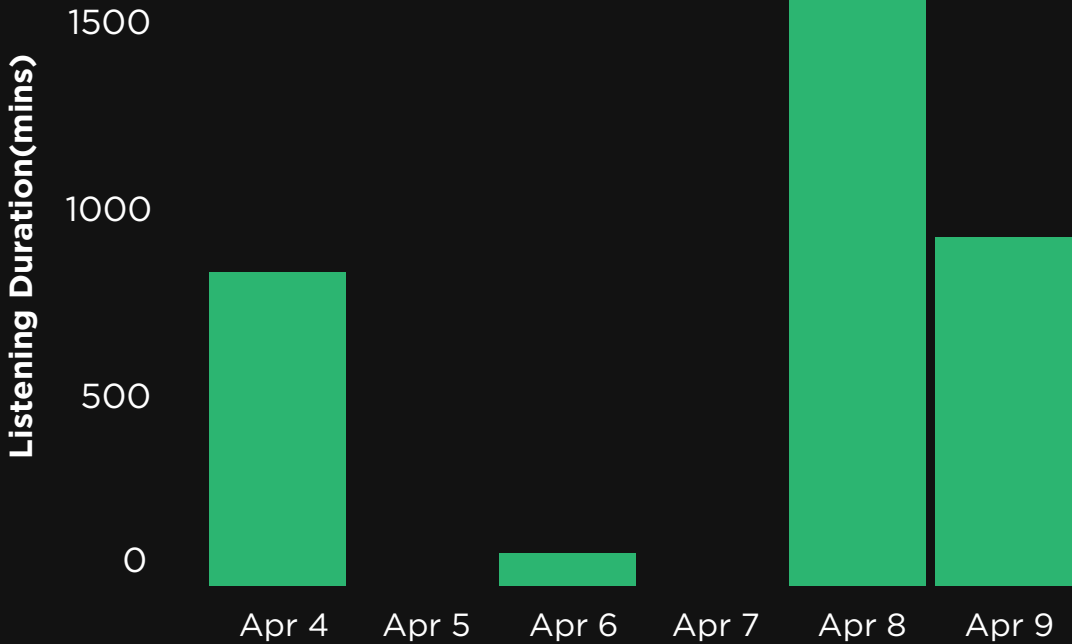
2

3

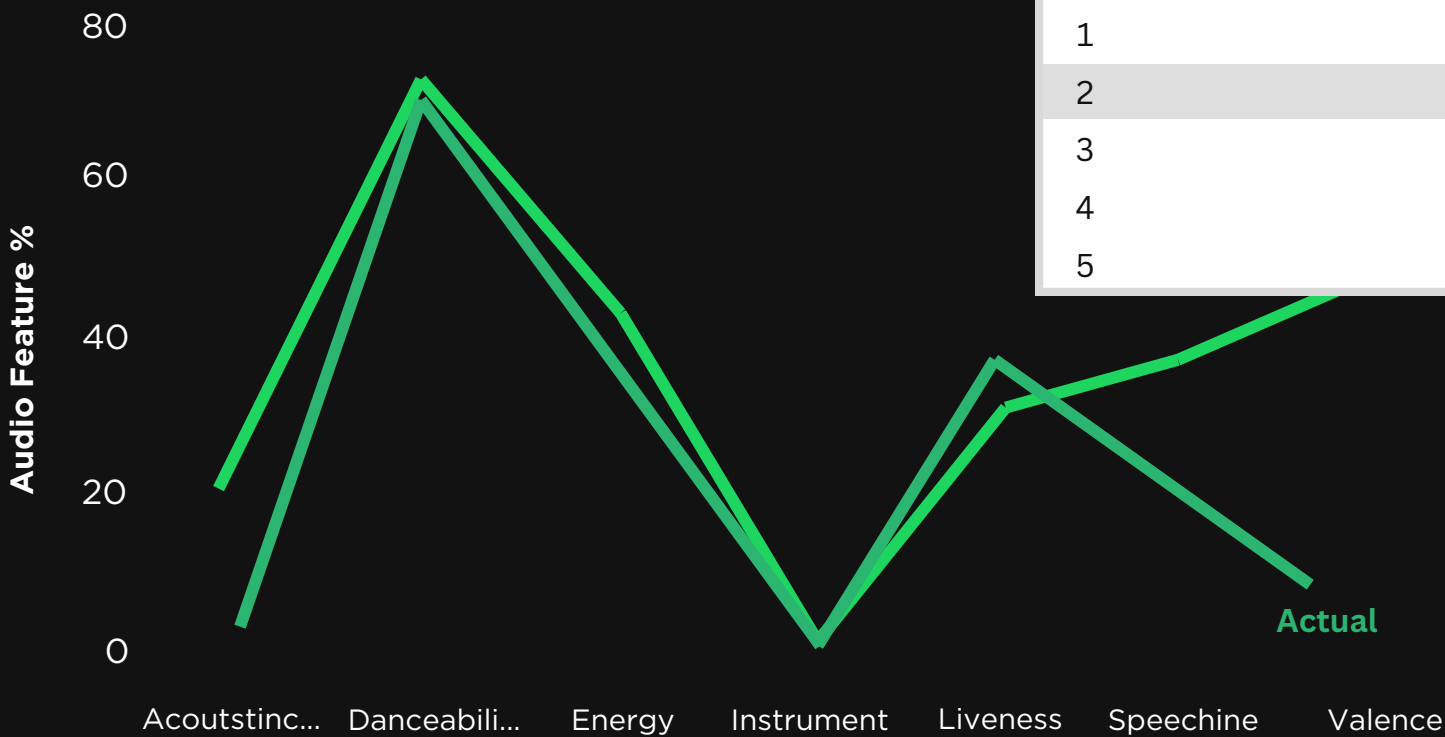
4

5

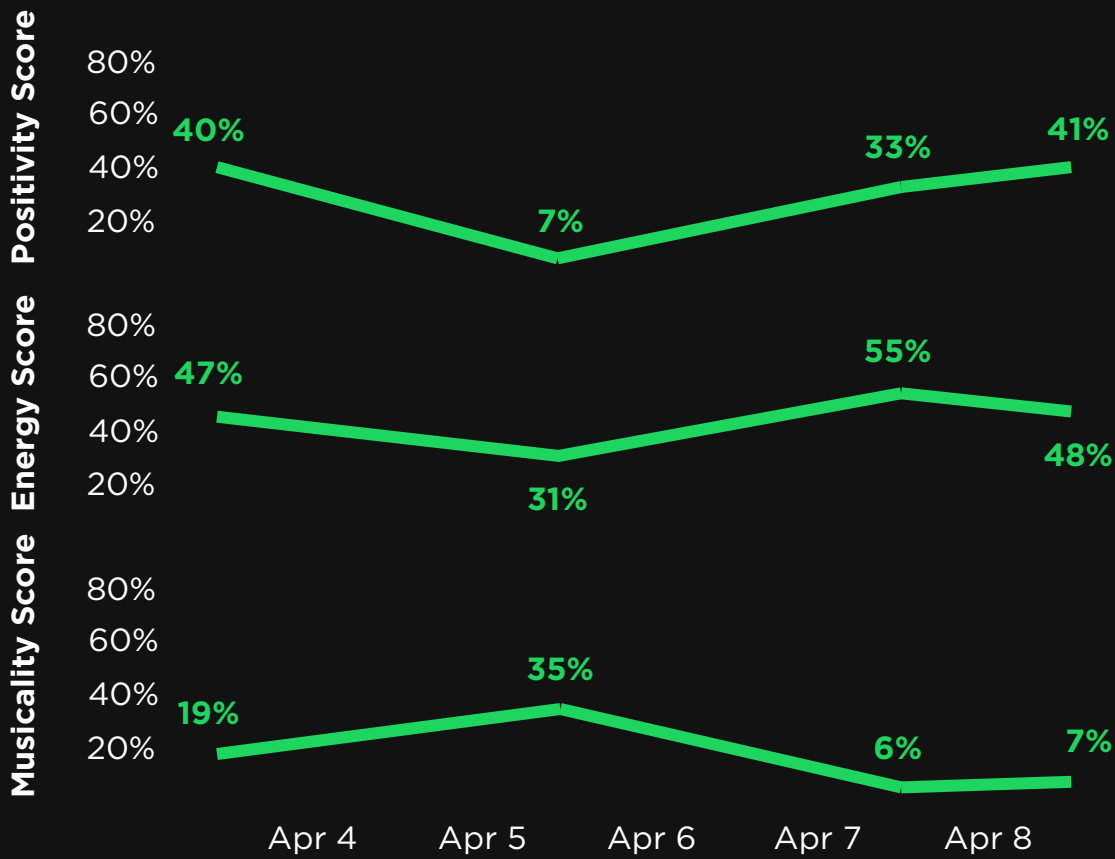
Weekly Listening (mins/day)



Predicted vs Actual Feature Similarity



Audio Feature Time Series



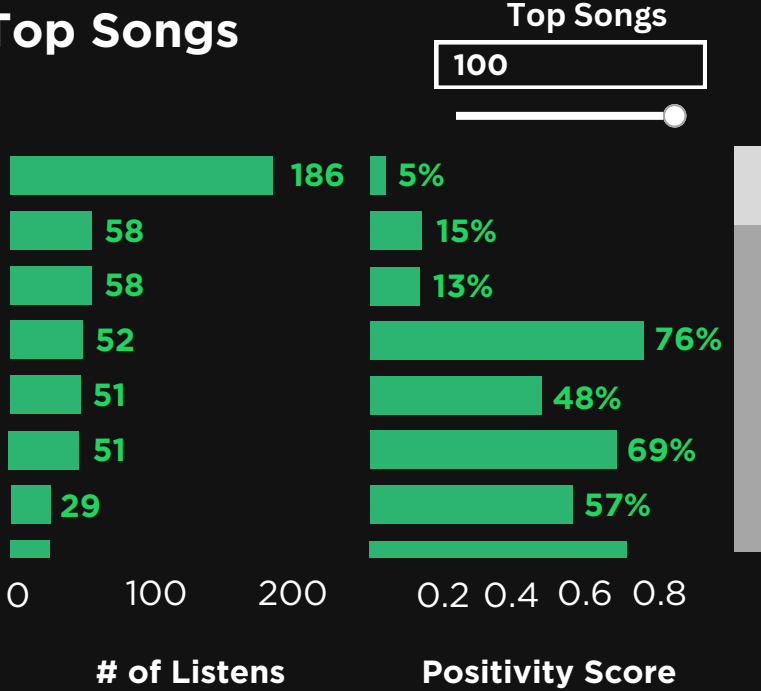
Top Tracks By Listens

Keep My Cool  
<3x girl - Devstacks Remix  
<3x girl  
Theme Song  
no keys  
geek  
Whole Thang

Artist Name

Lil Peep  
wrlDn3ro  
wrlDn3ro  
Sig. Carlito  
Sig. Carlito  
Sig. Carlito  
UnoTheActivist

Weekly Top Songs



Average Energy

50%

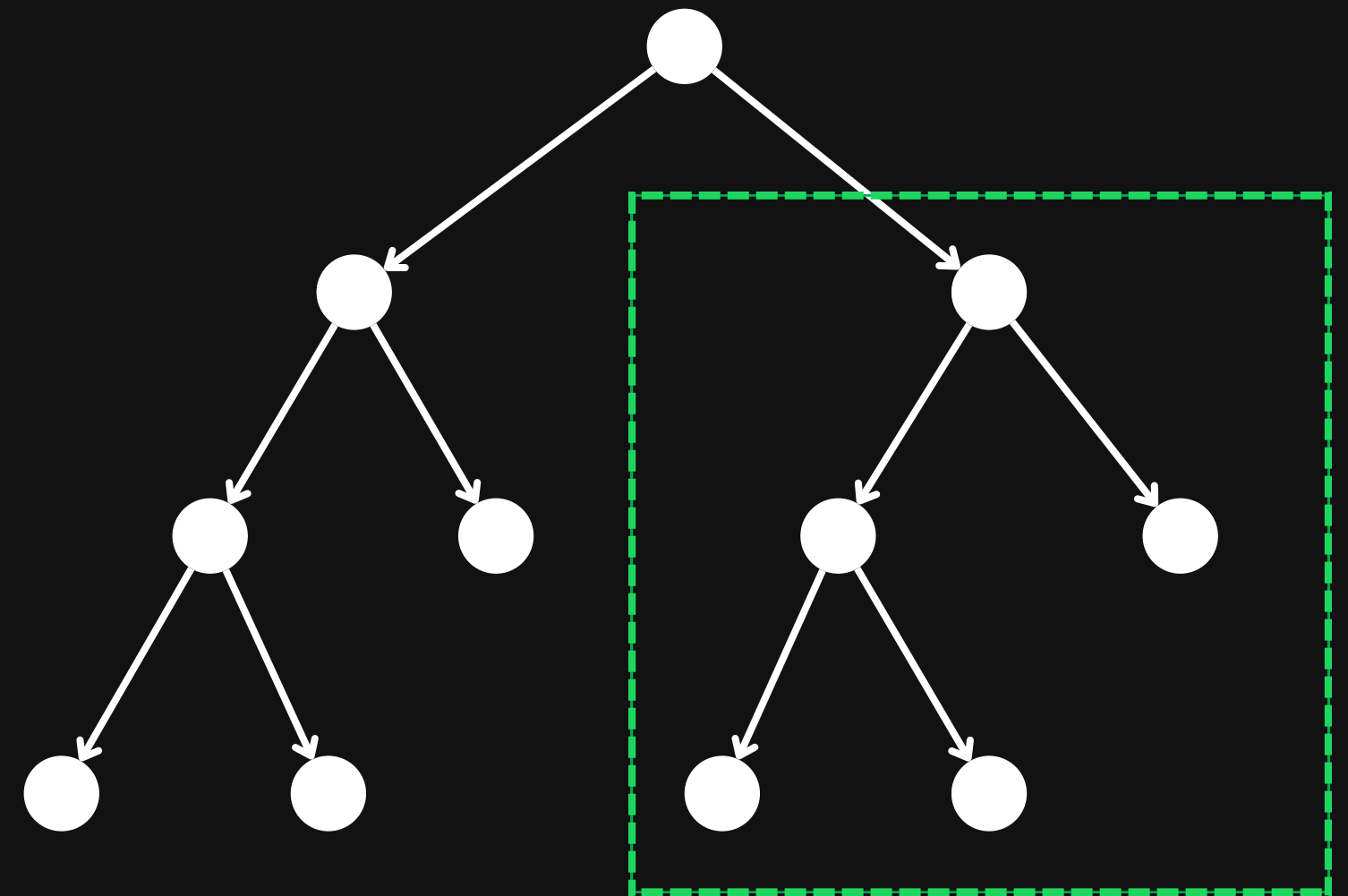
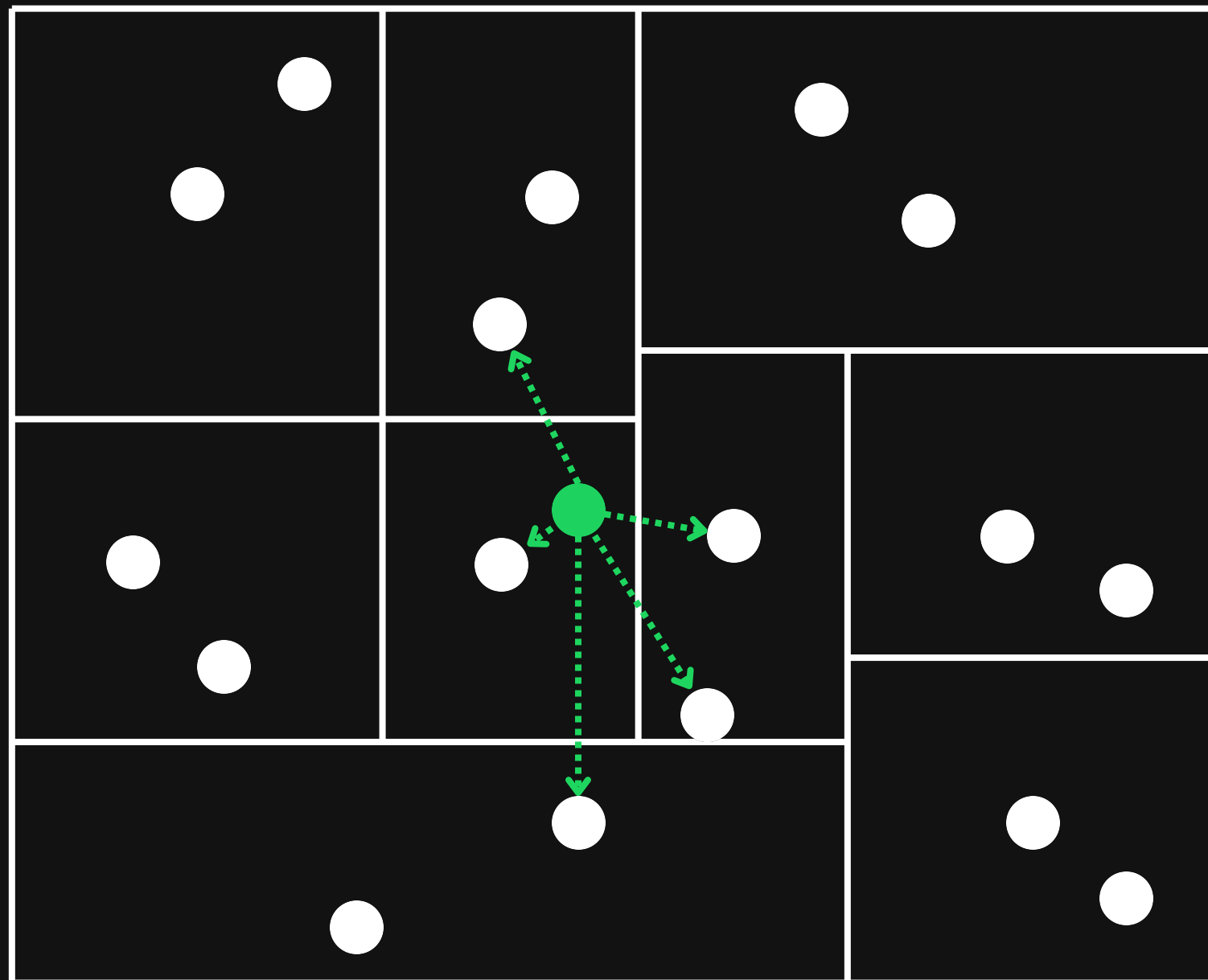
Average Musicality

10%

Listening Vibe

Slightly Sad

# The **Perfect** Match



# The Perfect Match

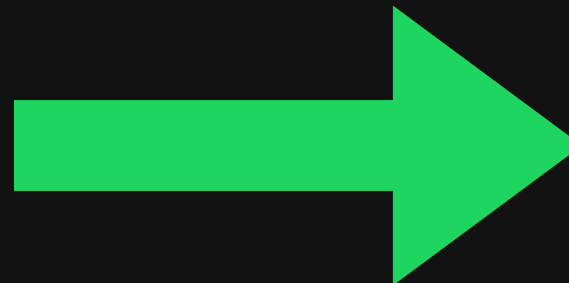
## Input Song



**Keep My Coo**

Lil Peep

**Recommend**



## 5 Recommend Songs



**Ojitos Lindos**

Bomba, Bad Bunny



**Bye Bye**

Marshmello, Juice WRLD



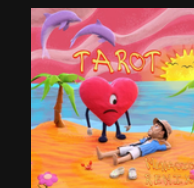
**Shoong! (feat. LISA)**

TAEYANG, Lisa



**Cheques**

Shubh



**Tarot**

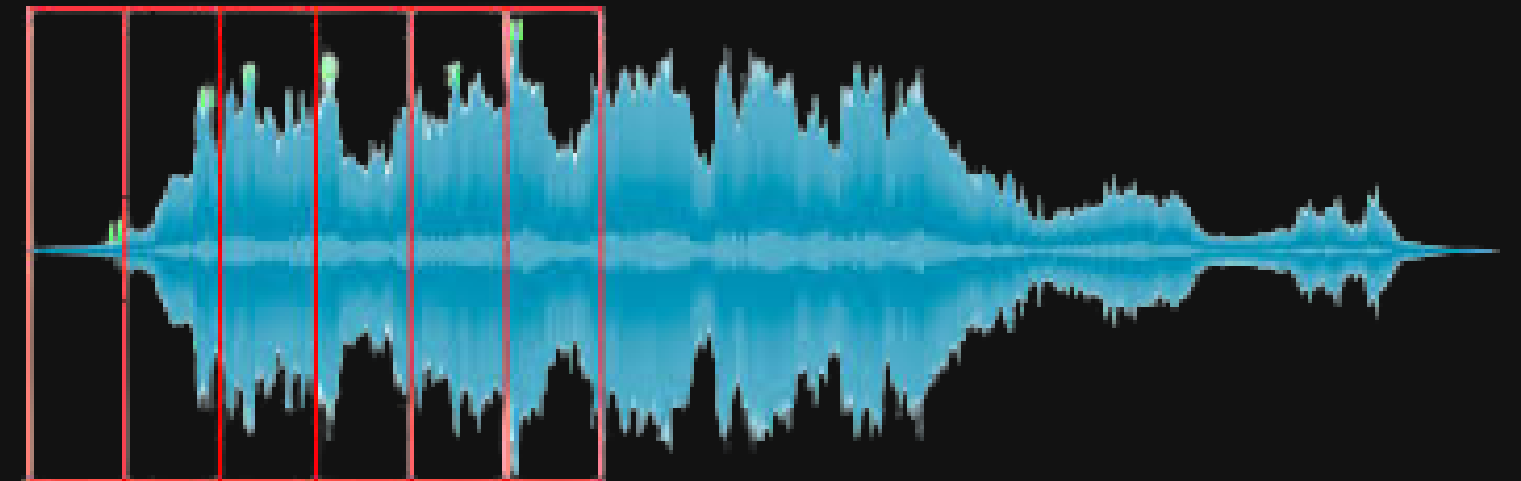
Bad Bunny, Jhay Cortez



# Data Sources



Spotify API



2023 Top Audio Features





# Let's **Improve** the Spotify **User** **Experience**