

THE RESEARCH QUESTION

Can we predict a pop song's subgenre using its audio features?

PREDICTING POP SUBGENRES

Audio Features

Top 5 (of 13)

- 1. Speechiness
- 2. Danceability
- 3. Acousticness
- 4. Energy
- 5. Instrumentalness

Pop Subgenres

7

Dance-Pop

Rap-Pop

Folk-Pop

Electro-Pop

Rock-Pop

Indie-Pop

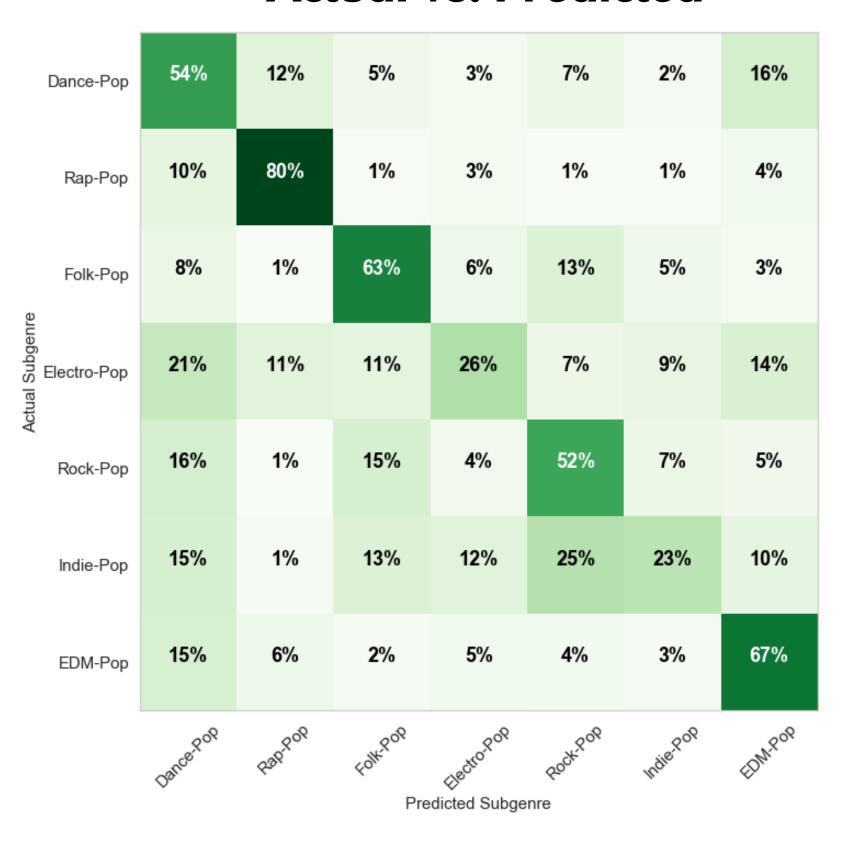
EDM-Pop

~14% Random Chance

~56% Our Model



Actual vs. Predicted



Our Model in Action

Dance-Pop



"Boyfriend" Justin Bieber

Rap-Pop



"Super Bass" Nicki Minaj



"Simple Twist of Fate"

Folk-Pop

Bob Dylan





"We Sink" CHVRCHES



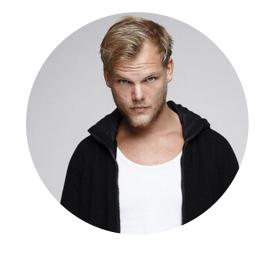
Rock-Pop

"Sidekick" Walk The Moon



Indie-Pop

"New Map" M83



EDM-Pop

"City Lights"

Avicii



Dance-Pop



Rap-Pop



Folk-Pop



Rock-Pop



Rock-Pop



Rock-Pop



Rap-Pop

SO WHAT?



2000+ Subgenres (322 Pop)



Niche Target Marketing



Find Real Fans



FUTURE WORK



Include More Pop Subgenres



Try With Other Parent Genres