

# Spotify

metrics(cypher) artist(mysql) genre(mysql) artist by genre(mysql) artist(mongo) concerts(mysql) user profile(cypher)

Number of songs in library	Number of users in library	Number of artists in library	Number of genres in library	Genres no-one likes	Genres everyone likes	Artists everyone likes
785	10	463	45	edm opera	pop	NA

~/SCHOOL/IE 7374 Database Management/Project DM/R code - Shiny

http://127.0.0.1:7354

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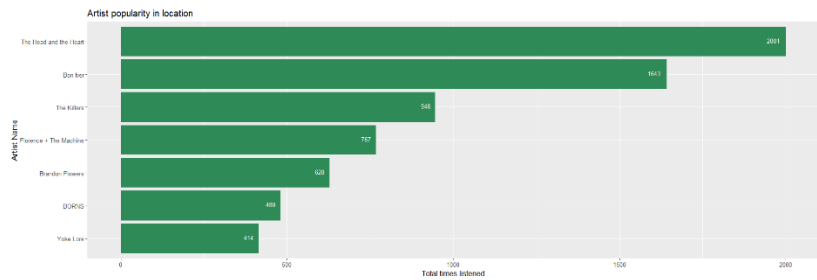
Select location  
MA

Select percent users  
1

Reset filters

## Artist Popularity By Location

artist_name	user_location	percent_users_that_listens_to_artist	number_of_songs_by_artist_users_listened_to	total_times_listened
The Head and the Heart	MA	1.00	9.00	2001.00
Bon Iver	MA	1.00	7.00	1643.00
The Killers	MA	1.00	4.00	946.00
Florence + The Machine	MA	1.00	3.00	767.00
Brandon Flowers	MA	1.00	3.00	628.00
BORNS	MA	1.00	2.00	480.00
Yoke Lore	MA	1.00	1.00	414.00



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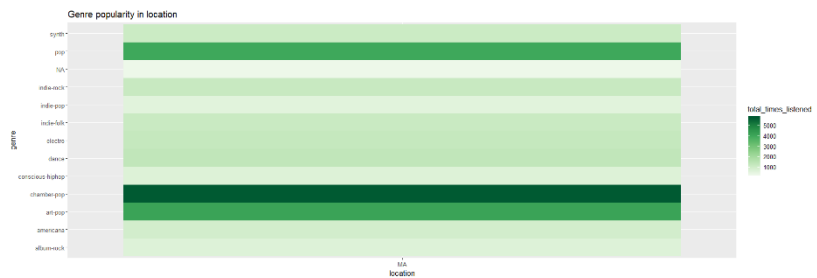
Select location  
MA

Select percent users  
1

Reset filters

## Genre Popularity By Location

genre	user_location	percent_users_that_listens_to_genre	number_of_artists_in_genre_users_listen_to	total_times_listened
pop	MA	1.00	14.00	4009.00
art-pop	MA	1.00	13.00	4133.00
chamber-pop	MA	1.00	9.00	5726.00
electro	MA	1.00	5.00	1245.00
indie-pop	MA	1.00	5.00	577.00
indie-folk	MA	1.00	4.00	1151.00
synth	MA	1.00	4.00	1114.00
dance	MA	1.00	3.00	1349.00
americana	MA	1.00	3.00	944.00
indie-rock	MA	1.00	2.00	1177.00
conscious-hiphop	MA	1.00	2.00	685.00
album-rock	MA	1.00	2.00	673.00
NA	MA	1.00	2.00	299.00



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Select genre

art-pop

Reset filters

Artist Popularity By Genre

genre	artist_name	percent_users_that_listens_to_artist	total_times_listened
art-pop	Maggie Rogers	50.00	1465.00
art-pop	Bleachers	37.50	360.00
art-pop	Glass Animals	25.00	672.00
art-pop	Sylvan Esso	25.00	775.00
art-pop	Florence + The Machine	25.00	767.00
art-pop	BORNS	25.00	480.00
art-pop	Lorde	25.00	439.00
art-pop	Yoko Lora	25.00	414.00
art-pop	Sharon Van Ellen	12.50	718.00
art-pop	Azealia Banks	12.50	612.00
art-pop	Jungle	12.50	289.00
art-pop	Cat Power	12.50	281.00
art-pop	Courtney Barnett	12.50	249.00
art-pop	Soccer Mommy	12.50	244.00
art-pop	Purity Ring	12.50	215.00
art-pop	LEON	12.50	189.00
art-pop	Tame Impala	12.50	163.00
art-pop	ODESZA	12.50	150.00
art-pop	Novo Amor	12.50	108.00
art-pop	Weyes Blood	12.50	94.00
art-pop	St. Vincent	12.50	93.00
art-pop	TV Girl	12.50	80.00
art-pop	U.S. Girls	12.50	64.00
art-pop	The xx	12.50	50.00

Artist popularity by genre

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Select concertid

select

Upcoming Concerts

concertid	artist_name	concert_location	concert_date	show_status
All-J-MA-2020-01-01	All-J	MA	2020-01-01	upcoming
Bon Iver-MA-2019-12-25	Bon Iver	MA	2019-12-25	upcoming
Maggie Rogers-MA-2019-12-11	Maggie Rogers	MA	2019-12-11	upcoming

Users to Advertise Concert To

concertid	artist_name	concert_location	userid	total_times_listened	stat
All-J-MA-2020-01-01	All-J	MA	bd93	231.00	upcoming
Bon Iver-MA-2019-12-25	Bon Iver	MA	bd93	781.00	upcoming
Bon Iver-MA-2019-12-25	Bon Iver	MA	st92	882.00	upcoming
Maggie Rogers-MA-2019-12-11	Maggie Rogers	MA	st92	748.00	upcoming

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Select artist

Bon Iver

Select acoustiness

1

Select danceability

0

Select energy

0

Select liveness

0

Select loudness

-10

Select speechiness

0

Select valence

0

Reset filters

Main Performing Artist

artist	count	avg_acoustiness	avg_danceability	avg_energy	avg_liveness	avg_loudness	avg_speechiness	avg_valence
Bon Iver	13	1.00	0.00	0.00	0.00	15.00	0.00	0.00

Supporting Artists

artist	count	avg_acoustiness	avg_danceability	avg_energy	avg_liveness	avg_loudness	avg_speechiness	avg_valence
Novo Amor	2	1.00	0.00	0.00	0.00	-15.00	0.00	0.00
Bon Iver	13	1.00	0.00	0.00	0.00	-15.00	0.00	0.00
Cat Power	2	1.00	0.00	0.00	0.00	-15.00	0.00	0.00

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Select userid

bd93

Reset filters

Listening Habits By User

genre	userid	total_times_listened_above_100
rap	bd93	2485
chamber-pop	bd93	2480
art-pop	bd93	1458
rock	bd93	1402
pop	bd93	1381
hip_hop	bd93	1125
synth	bd93	1040
soundtrack	bd93	742
jazz	bd93	642
americana	bd93	511
punk	bd93	483
electro	bd93	466
metal	bd93	403
indie-rock	bd93	414
blues-rock	bd93	330
soul	bd93	296
dance	bd93	291
blues	bd93	247
conscious-hiphop	bd93	235
folk	bd93	164
country	bd93	159
indie-r&b	bd93	108

User's genre listens