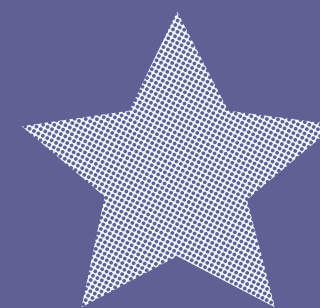
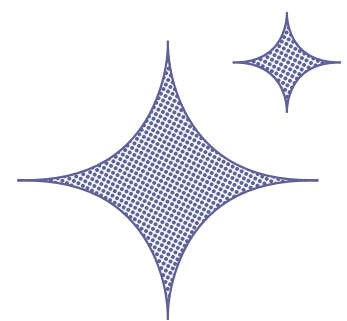
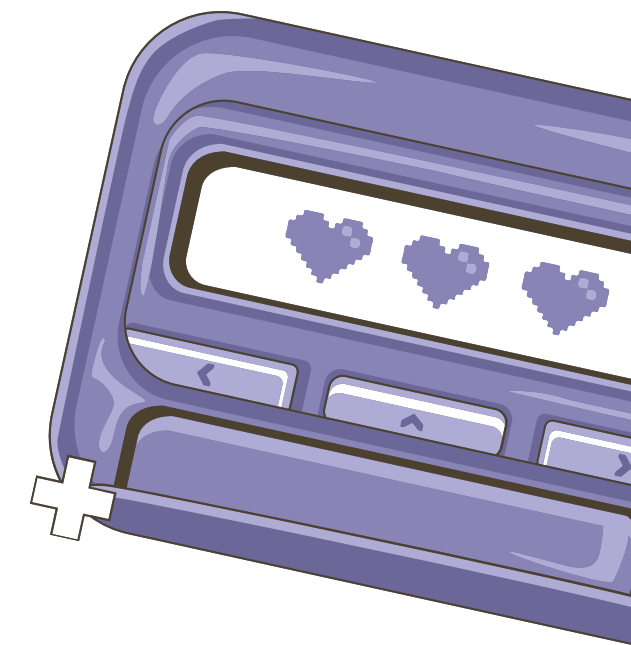


The Music Project²



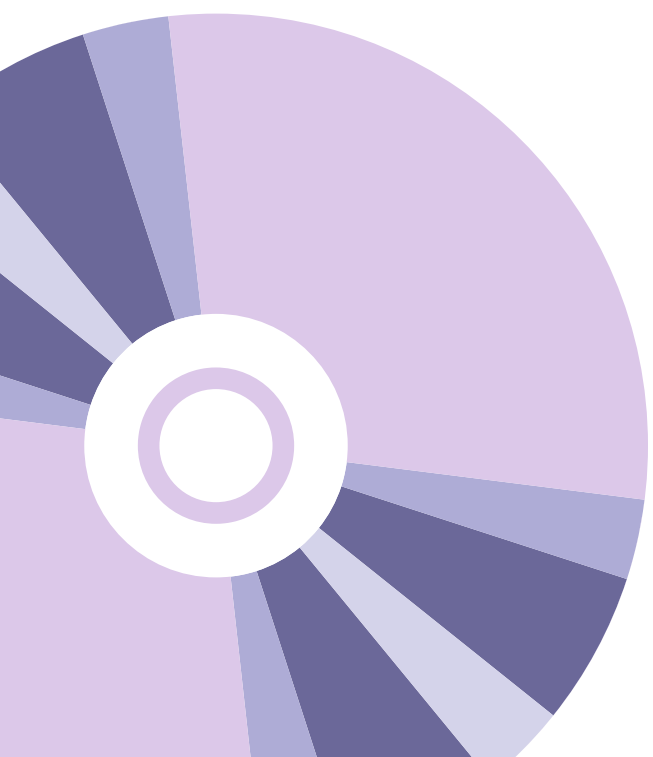


INTRODUCTION



Behind every hit song lies a story of numbers, streams, rankings, and release dates. This project turns those stories into insights by analyzing a songs dataset with SQL. Whether it's finding the artists who always top the charts or spotting the genres that keep trending, this project shows how data has its own melody. 🎵📊

Let's start!



Query - List of all songs in the chart



2

•

select * from songs;

3

4

5

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	song_id	ranking	song_title	artist_name	album_name	release_date	total_streams_billions	duration_ms	genre
▶	1001	1	Espresso	Sabrina Carpenter	Short n' Sweet	11-04-2025	1.85	175356	Pop
	1002	2	Not Like Us	Kendrick Lamar	Not Like Us	04-05-2025	1.79	274192	Hip-Hop
	1003	3	A Bar Song (Topsy)	Shaboozey	Where I've Been, Isn't Where I'm Going	05-04-2025	1.72	171629	Country
	1004	4	I Had Some Help	Post Malone ft. Morgan Wallen	I Had Some Help	10-05-2025	1.68	178482	Country Pop
	1005	5	Million Dollar Baby	Tommy Richman	Million Dollar Baby	26-04-2025	1.65	155135	R&B
	1006	6	Fortnight	Taylor Swift ft. Post Malone	THE TORTURED POETS DEPARTMENT	19-04-2025	1.59	228965	Synth-pop
	1007	7	Good Luck, Babe!	Chappell Roan	Good Luck, Babe!	05-04-2025	1.52	218639	Pop
	1008	8	BIRDS OF A FEATHER	Billie Eilish	HIT ME HARD AND SOFT	17-05-2025	1.48	210373	Alt-pop
	1009	9	Beautiful Things	Benson Boone	Fireworks & Rollerblades	18-01-2025	1.45	180304	Pop Rock
	1010	10	LUNCH	Billie Eilish	HIT ME HARD AND SOFT	17-05-2025	1.41	179589	Alt-pop
	1011	11	Gata Only	FloyyMenor & Cris Mj	Gata Only	01-02-2025	1.38	222000	Reggaeton
	1012	12	Like That	Future, Metro Boomin, Kendri...	WE DON'T TRUST YOU	22-03-2025	1.35	267739	Hip-Hop
	1013	13	Die With A Smile	Lady Gaga, Bruno Mars	Die With A Smile	16-08-2025	1.31	234567	Pop
	1014	14	Taste	Sabrina Carpenter	Short n' Sweet	21-06-2025	1.28	157929	Dance-pop
	1015	15	I Can Do It With a Br...	Taylor Swift	THE TORTURED POETS DEPARTMENT	19-04-2025	1.25	218413	Pop
	1016	16	Lose Control	Teddy Swims	I've Tried Everything But Therapy (Par...	15-11-2024	1.22	210729	Soul
	1017	17	Too Sweet	Hozier	Unheard EP	22-03-2025	1.19	251424	Indie Rock
	1018	18	Wanna Be	GloRilla & Megan Thee Stallion	Ehhthang Ehhthang	05-04-2025	1.16	157929	Hip-Hop
	1019	19	Austin	Dasha	What Happens Now?	16-02-2025	1.14	173979	Country Pop
	1020	20	The Smallest Man Wh...	Taylor Swift	THE TORTURED POETS DEPARTMENT	19-04-2025	1.12	245586	Pop
	1021	21	CHIHIRO	Billie Eilish	HIT ME HARD AND SOFT	17-05-2025	1.09	303960	Alt-pop
	1022	22	Yeah Glo!	GloRilla	Ehhthang Ehhthang	05-04-2025	1.07	177301	Hip-Hop
	1023	23	we can't be friends (...)	Ariana Grande	eternal sunshine	08-03-2025	1.05	228666	Pop
	1024	24	Saturn	SZA	Lana	22-02-2025	1.03	186306	R&B
	1025	25	Dance Bed	Taylor Swift	THE TORTURED POETS DEPARTMENT	19-04-2025	1.01	261226	Synth-pop

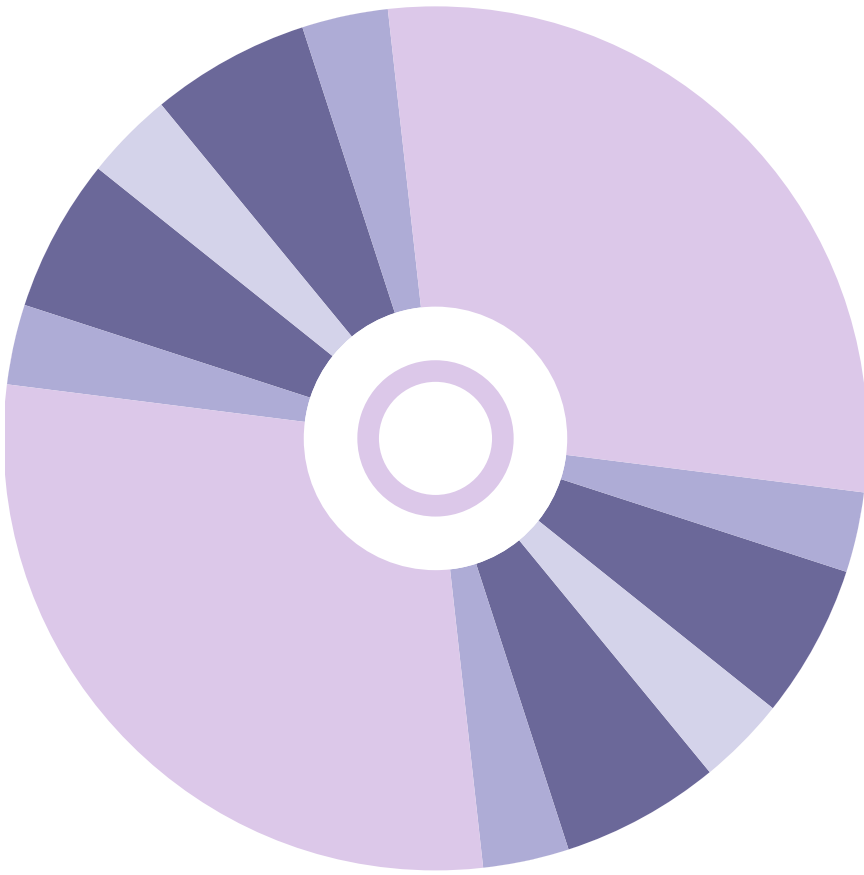
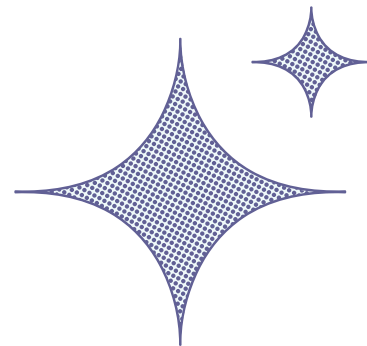




Query - Top 10 songs on the chart

```
4 #Top 10 songs
5 • select ranking, song_title, artist_name
6 from songs
7 where ranking<=10
8 order by ranking asc;
```

Result Grid			
Filter Rows: <input type="text"/>			
Export: <input type="button" value=""/>			
Wrap Cell Content: <input type="button" value=""/>			
	ranking	song_title	artist_name
▶	1	Espresso	Sabrina Carpenter
	2	Not Like Us	Kendrick Lamar
	3	A Bar Song (Topsy)	Shaboozey
	4	I Had Some Help	Post Malone ft. Morgan Wallen
	5	Million Dollar Baby	Tommy Richman
	6	Fortnight	Taylor Swift ft. Post Malone
	7	Good Luck, Babe!	Chappell Roan
	8	BIRDS OF A FEATHER	Billie Eilish
	9	Beautiful Things	Benson Boone
	10	LUNCH	Billie Eilish



Query - List of all pop songs released in 2025

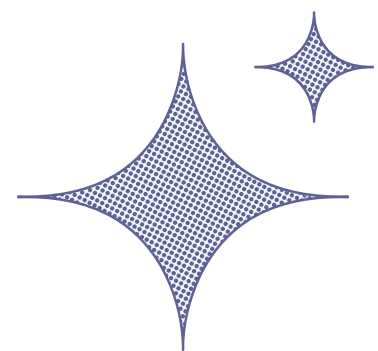
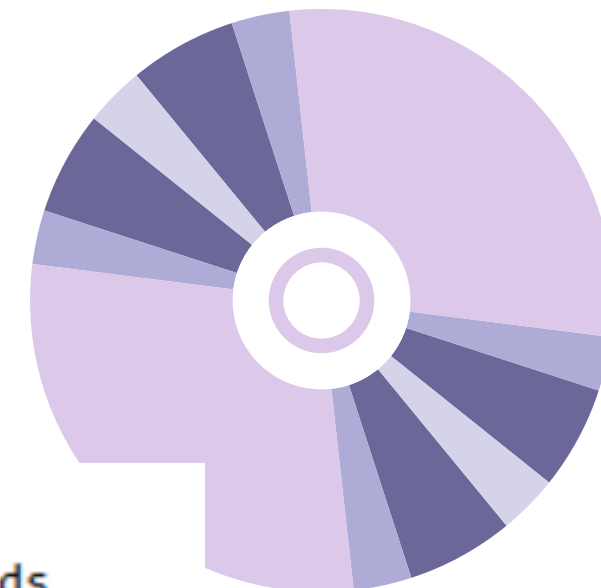
```
13 #Pop songs released in 2025
14 • select genre, song_title, artist_name, release_date
15 from songs
16 where genre = 'Pop' AND STR_TO_DATE(release_date, '%d-%m-%Y') >= '2025-01-01';
17
```

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content:				
	genre	song_title	artist_name	release_date
▶	Pop	Espresso	Sabrina Carpenter	11-04-2025
	Pop	Good Luck, Babe!	Chappell Roan	05-04-2025
	Pop	Die With A Smile	Lady Gaga, Bruno Mars	16-08-2025
	Pop	I Can Do It With a Broken Heart	Taylor Swift	19-04-2025
	Pop	The Smallest Man Who Ever Lived	Taylor Swift	19-04-2025
	Pop	we can't be friends (wait for your love)	Ariana Grande	08-03-2025
	Pop	So Long, London	Taylor Swift	19-04-2025
	Pop	Please Please Please	Sabrina Carpenter	06-06-2025
	Pop	Who's Afraid of Little Old Me?	Taylor Swift	19-04-2025
	Pop	Cry	Benson Boone	05-04-2025
	Pop	My Boy Only Breaks His Favorite Toys	Taylor Swift	19-04-2025
	Pop	The Tortured Poets Department	Taylor Swift	19-04-2025
	Pop	yes, and?	Ariana Grande	12-01-2025
	Pop	But Daddy I Love Him	Taylor Swift	19-04-2025





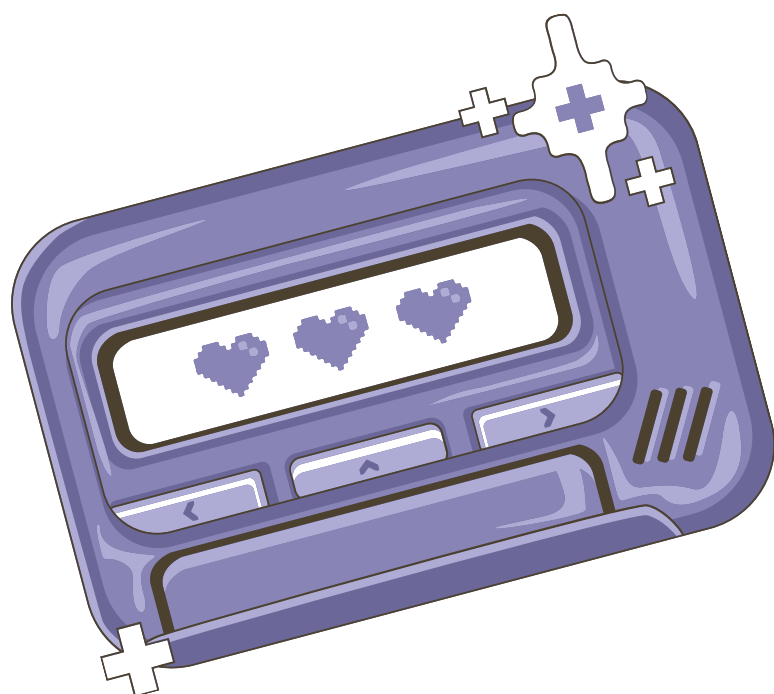
Query - List of all songs shorter than 2.5 Minutes



```
25  #Songs Shorter Than 2.5 Minutes
26  •  select song_title, artist_name, duration_ms / 1000 AS duration_seconds
27      from songs
28      where duration_ms < 150000
29      order by duration_ms asc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

song_title	artist_name	duration_seconds
Jocelyn Flores	XXXTENTACION	119.1330
Tell Ur Girlfriend	Lay Bankz	127.6080
Never Lose Me	Flo Milli	128.2260
Get It Sexyy	Sexyy Red	131.5860
My Love Mine All Mine	Mitski	137.7730
MONTERO (Call Me By Your Name)	Lil Nas X	137.8750
Lovin On Me	Jack Harlow	138.4130
Lovin On Me	Jack Harlow	138.4130
Stay	The Kid LAROI, Justin Bieber	141.8130
Greedy	Tate McRae	141.8530
I like the way you kiss me	Artemas	142.7500
Flowers on the Wall	The Statler Brothers	143.0000
Thats What I Want	Lil Nas X	143.8260
Belong Together	Mark Ambor	148.6660



Query - List of all top streamed songs of Billie Eilish



```
20 #All top streamed songs of billie eilish(2024-early 2025)
21 • select ranking, song_title, total_streams_billions
22 from songs
23 where artist_name = 'Billie Eilish'
24 order by ranking asc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	ranking	song_title	total_streams_billions
▶	8	BIRDS OF A FEATHER	1.48
	10	LUNCH	1.41
	21	CHIHIRO	1.09
	41	SKINNY	0.82
	48	WILDFLOWER	0.75
	61	THE DINER	0.66
	70	L'AMOUR DE MA VIE	0.62
	86	The Greatest	0.54
	104	What Was I Made For?	0.45
	140	Bad Guy	0.27
	196	What Was I Made For?	0.31

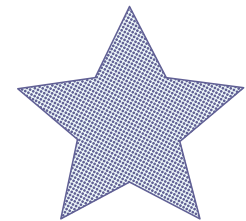




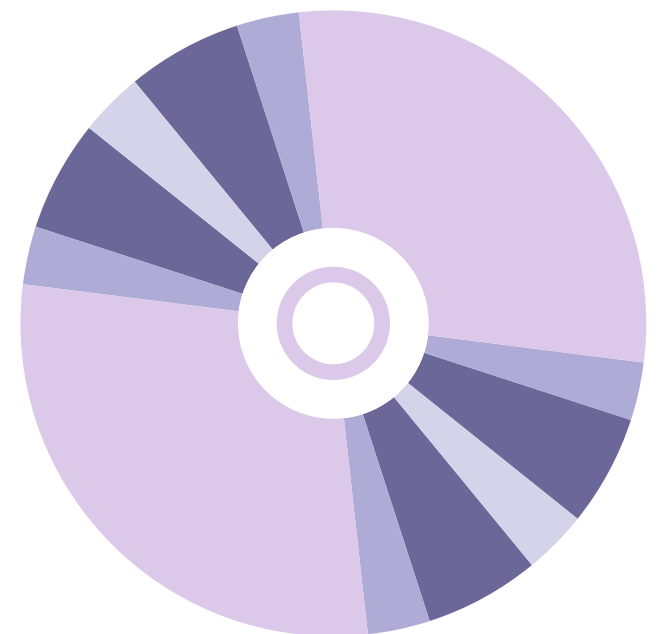
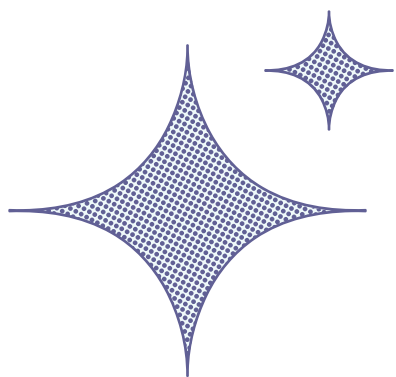
Query - Top 10 artists by total stream count



```
32  #Top 10 artists by total stream count
33  •  select artist_name, SUM(total_streams_billions) as total_artist_streams
34      from songs
35      group by artist_name
36      order by total_artist_streams DESC
37      limit 10;
38
```



Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content:		
	artist_name	total_artist_streams
▶	Taylor Swift	12.36
	Billie Eilish	8.4
	Chappell Roan	4.86
	Sabrina Carpenter	4.61
	Ariana Grande	3.61
	Benson Boone	3.04
	Kendrick Lamar	2.8000000000000003
	Tate McRae	2.21
	Olivia Rodrigo	2.16
	SZA	2.07



Query - List of all songs with "love" in the title

```
27      #All songs with "love" in the title
28      •  select ranking, song_title, artist_name
29          from songs
30          where (song_title) like '%Love%';
31
```

Result Grid |   Filter Rows: | Export:  | Wrap Cell C

	ranking	song_title	artist_name
•	23	we can't be friends (wait for your love)	Ariana Grande
	63	But Daddy I Love Him	Taylor Swift
	85	What You Won't Do for Love	Bobby Caldwell
	90	My Love Mine All Mine	Mitski
	143	Someone You Loved	Lewis Capaldi
	167	lovely	Billie Eilish, Khalid

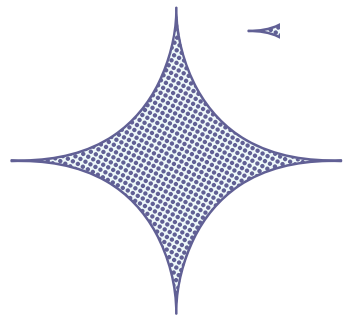




Query - Newest song on the chart

```
40 #Newest song on the chart
41 • select song_title, artist_name, release_date
42 from songs
43 where STR_TO_DATE(release_date, '%d-%m-%Y') = (select MAX(STR_TO_DATE(release_date, '%d-%m-%Y')) FROM songs);
44
45
```

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content:			
	song_title	artist_name	release_date
▶	Die With A Smile	Lady Gaga, Bruno Mars	16-08-2025

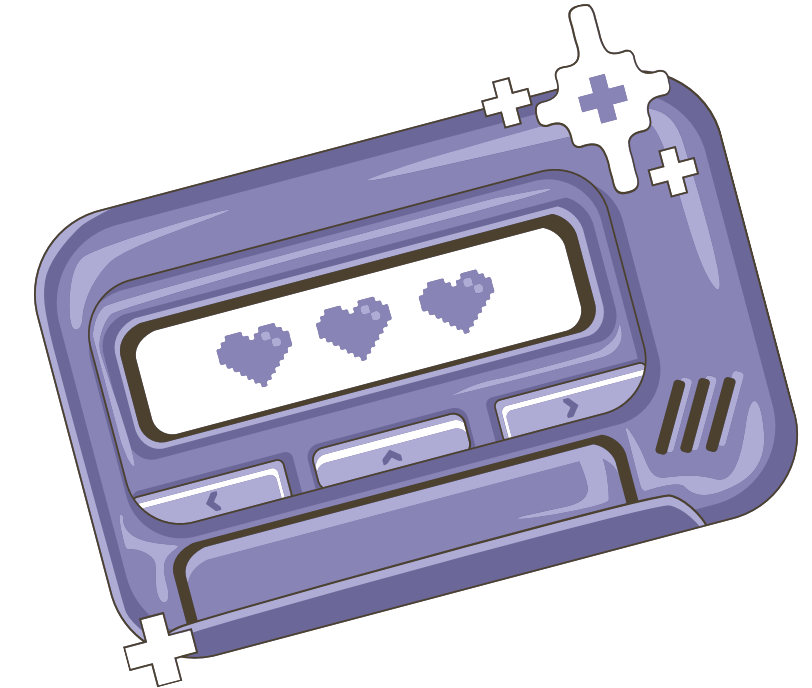
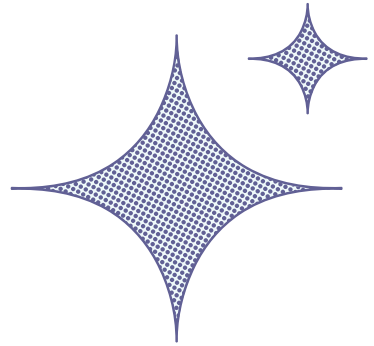


Query - Rank artists by their highest charting song

```
46 # Rank artists by their highest charting song
47 • select artist_name, MIN(ranking) AS best_rank
48 from songs
49 group by artist_name
50 order by best_rank ASC;
```

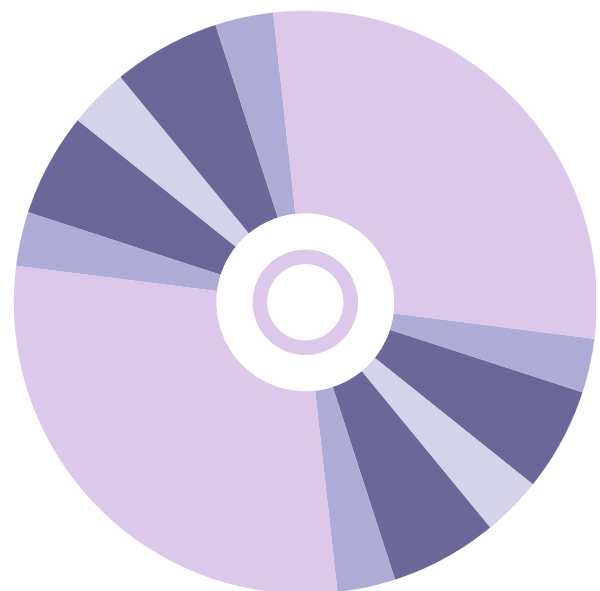
	artist_name	best_rank
▶	Sabrina Carpenter	1
	Kendrick Lamar	2
	Shaboozey	3
	Post Malone ft. Morgan Wallen	4
	Tommy Richman	5
	Taylor Swift ft. Post Malone	6

Query- Oldest song on the chart



```
50  #Oldest song on the chart
51  •  select song_title, artist_name, release_date
52  from songs
53  where STR_TO_DATE(release_date, '%d-%m-%Y') = (SELECT MIN(STR_TO_DATE(release_date, '%d-%m-%Y')) FROM songs);
```

Result Grid Filter Rows: <input type="text"/> Export: Wrap Cell Content:			
	song_title	artist_name	release_date
▶	Flowers on the Wall	The Statler Brothers	01-01-1966



Query - List of all distinct genres in the chart



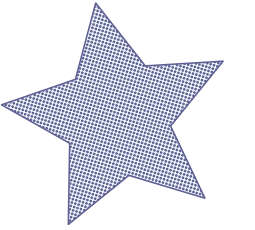
```
55 #List of all distinct genres in the chart
56 • select distinct genre
57 from songs
58 order by genre asc;
59
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	genre
▶	Afrobeats
	Alt-pop
	Alternative
	Alternative Rock
	Amapiano
	Britpop
	Country
	Country Pop
	Country Rap
	Country Rock
	Dance
	Dance-pop
	Drum and Bass
	Emo Rap
	Folk
	Folk-pop
	Hip-Hop
	Indie
	Indie Folk
	Indie Pop
	Indie Rock



Query - Average number of streams(in billions) across the chart



```
60 #Average number of streams(in billions) across the chart
61 • select avg(total_streams_billions) as average_streams
62 from songs;
```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	average_streams			
▶	0.54385			

