

Spotify Streams Project OUTPUTS by Rayhan Juniano Rachman

Dataset provided by Kaggle: <https://www.kaggle.com/datasets/nelgiryewithana/most-streamed-spotify-songs-2024>

- Most Streamed Songs in 2024

SQL Query:

```
-- Top 10 Artists by Total Streams
SELECT "Artist",
       SUM(CAST(REPLACE(NULLIF("Spotify Streams", ''), ',','') AS BIGINT)) AS "Total Streams"
FROM public.most_streamed_spotify_songs
WHERE "Spotify Streams" IS NOT NULL AND "Spotify Streams" != ''
GROUP BY "Artist"
ORDER BY "Total Streams" DESC
LIMIT 10;
```

most_streamed_spotify_songs 1 X

SQL Query:

```
SELECT "Track", "Artist", "Spotify Streams"
```

Grid

	ABC Track	ABC Artist	ABC Spotify Streams
1	Best Day Of My Life	American Authors	999,525,686
2	vampire	Olivia Rodrigo	998,964,097
3	My Love Mine All Mine	Mitski	997,702,304
4	vampire	Olivia Rodrigo	997,536,616
5	Wake Up in the Sky	Gucci Mane	996,942,947
6	Benjamins Deli	JRitt	996,881
7	I Was Never There	The Weeknd	995,463,505
8	Piece Of Your Heart	MEDUZA	995,452,298
9	Vete	Bad Bunny	991,885,224
10	Feel So Close - Radio E	Calvin Harris	991,382,346

- Top 10 Artists by Total Streams

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FROM public.most_streamed_spotify_songs
WHERE "Spotify Streams" IS NOT NULL AND "Spotify Streams" != ''
GROUP BY "Artist"
ORDER BY "Total Streams" DESC
LIMIT 10;
```

most_streamed_spotify_songs 1 X

SQL Query:

```
SELECT "Artist", SUM(CAST(REPLACE(NULL
```

Grid

	ABC Artist	123 Total Streams
1	Bad Bunny	37,054,834,425
2	The Weeknd	36,948,540,278
3	Drake	34,962,157,577
4	Taylor Swift	34,470,771,165
5	Post Malone	26,137,472,958
6	Ed Sheeran	24,014,900,390
7	Ariana Grande	23,464,991,696
8	MUSIC LAB JPN	22,866,685,573
9	Olivia Rodrigo	19,729,219,749
10	Eminem	18,878,880,174

- Streaming Trends Over Time (since 1987)

```

-- Streaming Trends Over Time (since 1987)
SELECT TO_CHAR(DATE_TRUNC('month', TO_DATE("Release Date", 'MM/DD/YYYY')), 'YYYY-MM-DD') AS "Month",
       SUM(CAST(REPLACE(NULLIF("Spotify Streams", ''), ',') AS BIGINT)) AS "Monthly Streams"
FROM public.most_streamed_spotify_songs
GROUP BY DATE_TRUNC('month', TO_DATE("Release Date", 'MM/DD/YYYY'))
ORDER BY "Month";

```

Results 1 X

SELECT TO_CHAR(DATE_TRUNC('month', T...

	Month	Monthly Streams
1	1987-07-01	1,879,386,440
2	1991-09-01	2,021,910,364
3	1994-01-01	1,810,649,765
4	1998-04-01	178,339,925
5	1999-06-01	1,405,353,677
6	2000-01-01	1,798,020,679
7	2000-10-01	2,045,512,421
8	2001-09-01	399,145,178
9	2002-01-01	2,146,682,342
10	2002-05-01	1,958,809,069
11	2002-06-01	859,999,247
12	2002-08-01	1,903,413,912
13	2002-10-01	2,194,935,773
14	2003-01-01	2,787,213,775
15	2003-03-01	1,720,830,668
16	2004-01-01	4,452,664,223
17	2004-10-01	29,422,741
18	2004-11-01	1,680,919,413
19	2005-01-01	2,602,286,619
20	2005-05-01	1,407,382,497

- Longevity of Top 10 Songs

```

-- Longevity of Top 10 Songs
WITH "Ranked Songs" AS (
    SELECT
        "Track",
        "Artist",
        RANK() OVER (PARTITION BY "Track", "Artist" ORDER BY "Track") AS Rank,
        "Release Date"
    FROM public.most_streamed_spotify_songs
)
SELECT "Track", "Artist", COUNT(*) AS "Weeks On Chart"
FROM "Ranked Songs"
WHERE Rank <= 10
GROUP BY "Track", "Artist"
ORDER BY "Weeks On Chart" DESC;

```

most_streamed_spotify_songs 1 X

WITH "Ranked Songs" AS (SELECT "Track",

	Track	Artist	Weeks On Chart
1	Danza Kuduro - Cover	MUSIC LAB JPN	8
2	Cake By The Ocean - Cover	MUSIC LAB JPN	6
3	◆◆◆◆◆	YOASOBI	3
4	Flowers	Miley Cyrus	3
5	Paint The Town Red	Doja Cat	3
6	Espresso	Sabrina Carpenter	3
7	greedy	Tate McRae	3
8	Without Me	Eminem	2
9	My Universe	Coldplay	2
10	Danza Kuduro - Cover	WORK OUT GYM - DJ MIX	2
11	Gata Only	FloyyMenor	2
12	Kiss Me More (feat. SZA)	Doja Cat	2
13	vampire	Olivia Rodrigo	2
14	About Damn Time	Lizzo	2
15	Too Sweet	Hozier	2
16	Te Felicito	Gerardo Coronel	2

- Month with the Highest Total Streams

```
-- Top 10 Months with the Highest Total Streams
SELECT TO_CHAR(DATE_TRUNC('month', TO_DATE("Release Date", 'MM/DD/YYYY')), 'YYYY-MM-DD') AS "Month",
       SUM(CAST(REPLACE(NULLIF("Spotify Streams", ''), ',') AS BIGINT)) AS "Monthly Streams"
FROM public.most_streamed_spotify_songs
GROUP BY DATE_TRUNC('month', TO_DATE("Release Date", 'MM/DD/YYYY'))
ORDER BY "Monthly Streams" DESC
LIMIT 10;
```

Results 1 X

SELECT TO_CHAR(DATE_TRUNC('month', TO_DATE("Release Date", 'MM/DD/YYYY')), 'YYYY-MM-DD') AS "Month",
SUM(CAST(REPLACE(NULLIF("Spotify Streams", ''), ',') AS BIGINT)) AS "Monthly Streams"
FROM public.most_streamed_spotify_songs
GROUP BY DATE_TRUNC('month', TO_DATE("Release Date", 'MM/DD/YYYY'))
ORDER BY "Monthly Streams" DESC
LIMIT 10;

	Month	Monthly Streams
1	2012-01-01	45,578,341,178
2	2013-01-01	41,731,619,405
3	2022-05-01	34,763,786,638
4	2014-01-01	29,956,859,414
5	2023-06-01	27,032,666,675
6	2017-01-01	26,899,704,661
7	2020-07-01	26,413,279,173
8	2019-05-01	25,822,940,620
9	2017-08-01	24,064,217,655
10	2023-10-01	24,038,305,326