The dataset describes the Spotify streaming history and the current week's streaming data (the week from 7-11-2022 to 13-11-2022)

It contains three tables:

- fact_historical_songs_listens (**user_id, song_id**, song_plays)
- fact_weekly_songs_listens(**listen_id**, user_id, listen_time)
- dim_users (**user_id,** name, city)

fact_historical_songs_listens :
user_id: the identifier of the user who listens to songs
song_id: the identifier of the song
song_plays: the number of times the song was listened to by the user before 07-11-2022

fact_weekly_songs_listens :
listen_id: the id of the listening action done during the current week (from 7-11 to 13-11)
user_id: the identifier of the user who is listening to songs this week
listen_time: the timestamp of the listening action by the user (between 7-11 and 13-11)

dim_users :
user_id: the identifier of the user
name: the name of the user
city: the city of the user

SQL Questions

Easy Ranking of cities

- Find the total number of listening actions done in each city in the current week and display the result in descending order of the total listening actions.
  (Be careful: One user could listen many times in the current week)

Medium Cumulative count of songs plays

- Find the cumulative count of song plays of each user as of 10 November 2022. Display the counts of the three highest users

Hard Four consecutive days of listening

Find the names of users who have listened to songs for four consecutive days in the current week

Hints

1) The first city is Oklahoma with 248 listening actions
2) songs counts of the three highest users are: 138, 129, 125
3) 13 users