# Day 17 – SQL Practice: Streaming Platform Dataset

## 📊 Dataset Overview

This practice set is based on a video streaming platform similar to Netflix or Prime Video. You’ll explore tables like Users, Shows, Views, and Ratings to uncover content performance, viewer engagement, and watch behavior.

## 📁 Tables and Sample Data

1. Users

|  |  |  |  |
| --- | --- | --- | --- |
| UserID | Name | Age | Country |
| 1 | Alice | 25 | USA |
| 2 | Bob | 32 | UK |
| 3 | Chitra | 29 | India |
| 4 | Diego | 41 | Mexico |
| 5 | Eva | 20 | Germany |

2. Shows

|  |  |  |  |
| --- | --- | --- | --- |
| ShowID | Title | Genre | ReleaseYear |
| 101 | Mind Blender | Thriller | 2022 |
| 102 | Laugh Riot | Comedy | 2021 |
| 103 | Code Wars | Drama | 2020 |
| 104 | True Tails | Documentary | 2023 |
| 105 | Space Race | Sci-Fi | 2022 |

3. Views

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ViewID | UserID | ShowID | WatchDate | WatchDuration |
| 1001 | 1 | 101 | 2024-07-01 | 60 |
| 1002 | 2 | 102 | 2024-07-02 | 45 |
| 1003 | 3 | 101 | 2024-07-03 | 55 |
| 1004 | 4 | 103 | 2024-07-04 | 30 |
| 1005 | 5 | 104 | 2024-07-05 | 25 |
| 1006 | 1 | 105 | 2024-07-06 | 90 |
| 1007 | 2 | 105 | 2024-07-07 | 60 |

4. Ratings

|  |  |  |  |
| --- | --- | --- | --- |
| RatingID | UserID | ShowID | Rating |
| 201 | 1 | 101 | 4 |
| 202 | 2 | 102 | 5 |
| 203 | 3 | 101 | 3 |
| 204 | 4 | 103 | 2 |
| 205 | 5 | 104 | 5 |
| 206 | 1 | 105 | 4 |
| 207 | 2 | 106 | 5 |

## 🧠 Practice Questions

1) List all users with the total number of shows watched.

2) Show the average watch duration per genre.

3) Find the most-watched show (based on total duration watched).

4) Display users who watched a show but didn't rate it.

5) List all shows that were watched by at least 3 different users.

6) Show the top-rated show (average rating) per genre.

7) List users who watched shows from more than 2 different genres.

8) Display all shows not watched by anyone.

9) For each country, show the average watch duration by users.

10) Find the top 2 users who gave the most number of 5-star ratings.

🎯 Bonus Challenge:

Identify shows released after 2021 that received only ratings 4 or above from at least 3 different users.