Appendix A: SQL Queries

[SQL Queries for Streaming Platform Analysis
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Purpose: Generate analysis tables for Netflix, Hulu, Disney+, and HBO datasets]

```sql
/* --- Set platform column for each dataset --- */
UPDATE Netflix
SET platform = 'Netflix';

UPDATE Hulu
SET platform = 'Hulu';

UPDATE DisneyPlus
SET platform = 'Disney+';

UPDATE HBO
SET platform = 'HBO';

/* --- Q1: Total number of titles per platform --- */
DROP TABLE IF EXISTS q1_total_titles;
CREATE TABLE q1_total_titles AS
SELECT platform, COUNT(*) AS total_titles
FROM (
    SELECT id, platform FROM Netflix
    UNION ALL
    SELECT id, platform FROM Hulu
    UNION ALL
    SELECT id, platform FROM DisneyPlus
    UNION ALL
    SELECT id, platform FROM HBO
) AS combined
GROUP BY platform;


/* --- Q2: Count of movies vs TV shows per platform --- */
DROP TABLE IF EXISTS q2_show_type;
CREATE TABLE q2_show_type AS
SELECT platform, type, COUNT(*) AS total_titles
FROM (
    SELECT type, platform FROM Netflix
    UNION ALL
```

```sql
    SELECT type, platform FROM HBO
    UNION ALL
    SELECT type, platform FROM Hulu
    UNION ALL
    SELECT type, platform FROM DisneyPlus
) AS combined
GROUP BY platform, type;


/* --- Q3: Average IMDB score per platform --- */
DROP TABLE IF EXISTS q3_avg_imdbscore;
CREATE TABLE q3_avg_imdbscore AS
SELECT platform, AVG(imdb_score) AS avg_score
FROM (
    SELECT imdb_score, platform FROM Netflix
    UNION ALL
    SELECT imdb_score, platform FROM HBO
    UNION ALL
    SELECT imdb_score, platform FROM Hulu
    UNION ALL
    SELECT imdb_score, platform FROM DisneyPlus
) AS combined
GROUP BY platform;


/* --- Q4: High rated titles per platform (IMDB >= 8) --- */
DROP TABLE IF EXISTS q4_high_rated_titles;
CREATE TABLE q4_high_rated_titles AS
SELECT platform, COUNT(*) AS high_rated_count
FROM (
    SELECT imdb_score, platform FROM Netflix
    UNION ALL
    SELECT imdb_score, platform FROM HBO
    UNION ALL
    SELECT imdb_score, platform FROM Hulu
    UNION ALL
    SELECT imdb_score, platform FROM DisneyPlus
) AS combined
WHERE imdb_score >= 8
GROUP BY platform;


/* --- Q5: Average TMDB popularity per platform --- */
DROP TABLE IF EXISTS q5_tmdb_popularity;
CREATE TABLE q5_tmdb_popularity AS
```

```sql
SELECT platform, AVG(tmdb_popularity) AS avg_tmdb_popularity
FROM (
    SELECT tmdb_popularity, platform FROM Netflix
    UNION ALL
    SELECT tmdb_popularity, platform FROM HBO
    UNION ALL
    SELECT tmdb_popularity, platform FROM Hulu
    UNION ALL
    SELECT tmdb_popularity, platform FROM DisneyPlus
) AS combined
GROUP BY platform;


/* --- Q6: Total count of titles per genre per platform --- */
DROP TABLE IF EXISTS q6_Tcommongenres;
CREATE TABLE q6_Tcommongenres AS
SELECT platform, genres, COUNT(*) AS Common_Genres
FROM (
    SELECT genres, platform FROM Netflix
    UNION ALL
    SELECT genres, platform FROM HBO
    UNION ALL
    SELECT genres, platform FROM Hulu
    UNION ALL
    SELECT genres, platform FROM DisneyPlus
) AS combined
GROUP BY platform, genres
ORDER BY platform, Common_Genres DESC;


/* --- Q7: Average IMDB score per genre (top 5 genres) --- */
DROP TABLE IF EXISTS q7_avg_imdb_genre;
CREATE TABLE q7_avg_imdb_genre AS
SELECT genres, AVG(imdb_score) AS avg_imdb_score
FROM (
    SELECT genres, imdb_score FROM Netflix
    UNION ALL
    SELECT genres, imdb_score FROM HBO
    UNION ALL
    SELECT genres, imdb_score FROM Hulu
    UNION ALL
    SELECT genres, imdb_score FROM DisneyPlus
) AS combined
GROUP BY genres
ORDER BY avg_imdb_score DESC
```

```
        LIMIT 5;


/* --- Q8: Content output per platform by year and type --- */
DROP TABLE IF EXISTS q8_output;
CREATE TABLE q8_output AS
SELECT platform, release_year, type, COUNT(*) AS title_count
FROM (
    SELECT platform, release_year, type FROM Netflix
    UNION ALL
    SELECT platform, release_year, type FROM HBO
    UNION ALL
    SELECT platform, release_year, type FROM Hulu
    UNION ALL
    SELECT platform, release_year, type FROM DisneyPlus
) AS combined
WHERE release_year >= 2020
GROUP BY platform, release_year, type
ORDER BY platform, release_year DESC;


/* --- Q9: Average runtime by platform and type --- */
DROP TABLE IF EXISTS q9_runtime;
CREATE TABLE q9_runtime AS
SELECT platform, type, AVG(runtime) AS avg_runtime
FROM (
    SELECT platform, runtime, type FROM Netflix
    UNION ALL
    SELECT platform, runtime, type FROM HBO
    UNION ALL
    SELECT platform, runtime, type FROM Hulu
    UNION ALL
    SELECT platform, runtime, type FROM DisneyPlus
) AS combined
GROUP BY platform, type
ORDER BY platform, avg_runtime DESC;


/* --- Q10: Critically acclaimed titles per platform (IMDB >= 8, votes
>= 10,000) --- */
DROP TABLE IF EXISTS q10_critical;
CREATE TABLE q10_critical AS
SELECT platform, COUNT(*) AS critically_acclaimed
FROM (
    SELECT platform, imdb_score, imdb_votes FROM Netflix
```

```
    UNION ALL
    SELECT platform, imdb_score, imdb_votes FROM HBO
    UNION ALL
    SELECT platform, imdb_score, imdb_votes FROM Hulu
    UNION ALL
    SELECT platform, imdb_score, imdb_votes FROM DisneyPlus
) AS combined
WHERE imdb_score >= 8 AND imdb_votes >= 10000
GROUP BY platform
ORDER BY critically_acclaimed DESC;
```