Executive Summary:

Segment 1 (Q1–Q9)

1. **Row Counts (Q1):**

    o   **director_mapping: 3,867 rows**

    o   **genre: 14,662 rows**

    o   **movie: 8,376 rows**

    o   **names: 19,899 rows**

    o   **ratings: 8,230 rows**

    o   **role_mapping: 15,256 rows**

2. **Null Analysis (Q2):**

    o   **4 columns in movie contain nulls:**

        ▪   **country: 20 nulls**

        ▪   **worlwide_gross_income: 3,724 nulls**

        ▪   **languages: 194 nulls**

        ▪   **production_company: 528 nulls**

3. **Yearly & Monthly Release Trends (Q3):**

    o   **By Year:**

        ▪   **2017 → 3,052 movies**

        ▪   **2018 → 2,944 movies**

        ▪   **2019 → 2,001 movies**

    o   **By Month:**

        ▪   **Peak in March with 824 releases**

        ▪   **Lowest in December with 438 releases**

4. **Country Production (Q4):**

    o   **USA + India in 2019: 887 movies**

5. **Genres Present (Q5):**

- 13 unique genres: Drama, Fantasy, Thriller, Comedy, Horror, Family, Romance, Adventure, Action, Sci-Fi, Crime, Mystery, Others

6. **Top Genre Overall (Q6):**

   - **Drama leads with 4,285 movies**

7. **Single-Genre Movies (Q7):**

   - **3,289 movies belong to exactly one genre**

8. **Average Durations (Q8):**

   - **Longest: Action at 113 min**

   - **Shortest: Horror at 93 min**

   - **Drama: 107 min average**

9. **Genre Ranking (Q9):**

   - **Thriller ranks 3rd with 1,484 movies**

Segment 2 (Q10–Q17)

1. **Ratings Bounds (Q10):**

   - **avg_rating: 1 – 10**

   - **total_votes: 100 – 725,138**

   - **median_rating: 1 – 10**

2. **Top-Rated Movies (Q11):**

   - **Rank 1: "Kirket" & "Love in Kilnerry" at 10.0**

   - **Rank 5: "Fan" at 9.6 (ties preserved)**

3. **Median Rating Distribution (Q12):**

   - **Most frequent median: 7 with 2,257 films**

   - **Fewest at median 10: 346 films**

4. **Hit Production Houses (Q13):**

   - **Hits (avg_rating > 8):**

     - **Dream Warrior Pictures: 3 hits**

     - **National Theatre Live: 3 hits**

5. **March 2017 USA Votes (Q14):**

   o **Drama: 16 movies**

   o **Comedy: 8**

   o **Crime & Horror: 5 each**

   o **Family: 1**

6. **"The…" Thrillers (Q15):**

   o **12 titles start with "The" & avg_rating > 8**

   o **Examples: "The Irishman" (8.7), "The Brighton Miracle" (9.5)**

7. **Median 8 Count (Q16):**

   o **361 movies released 2018-04-01 to 2019-04-01 have median_rating = 8**

8. **Germany vs. Italy Votes (Q17):**

   o **Germany: 106,710 votes**

   o **Italy: 77,965 votes → Yes, German movies receive more votes**

Segment 3 (Q18–Q23)

1. **Names Nulls (Q18):**

   o **name: 0 nulls**

   o **height: 17,335 nulls**

   o **date_of_birth: 13,431 nulls**

   o **known_for_movies: 15,226 nulls**

2. **Top 3 Directors in Top 3 Genres (Q19):**

   o **Top genres by hits (> 8 avg_rating): Drama, Thriller, Comedy**

   o **Leading directors (each 2 hit movies):**

      ▪ **James Mangold, Anthony Russo, Joe Russo**

3. **Top 2 Actors (Q20):**

   o **Mammootty: 8 movies (median_rating ≥ 8)**

   o **Mohanlal: 5 movies**

4. **Top 3 Production Houses by Votes (Q21):**

- Marvel Studios: 2,656,967 votes

- Twentieth Century Fox: 2,411,163

- Warner Bros.: 2,396,057

5. **Top Indian Actor (Q22):**

   - **Vijay Sethupathi: 5 movies, 23,114 votes, weighted avg_rating 8.42 (rank 1)**

6. **Top 5 Hindi Actresses (Q23):**

   - **Taapsee Pannu: 3 movies, 18,061 votes, avg 7.74**

   - **Kriti Sanon (avg 7.05)**

   - **Divya Dutta (avg 6.88)**

   - **Shraddha Kapoor (avg 6.63)**

   - **Kriti Kharbanda (avg 4.80)**

Segment 4 (Q24–Q29)

1. **Thriller Classification (Q24):**

   - **Superhit (> 8): "Joker", "Andhadhun"…**

   - **Hit (7–8): "Get Out", "Mission: Impossible – Fallout"…**

   - **One-time-watch (5–7); Flop (< 5)**

2. **Running Total & Moving Avg Durations (Q25):**

   - **Action avg: 112.88 min**

   - **Cumulative total through Thriller: 1,341.03 min**

   - **Thriller moving avg: 103.02 min**

3. **Top 5 Grossers per Year in Top 3 Genres (Q26):**

   - **Comedy 2017: "The Healer" ($9.98 M)**

   - **Drama 2019: "Joker" ($995.06 M)**

   - **Thriller 2018: "The Villain" (₹1.3 B)**

4. **Top 2 Multilingual Hit Producers (Q27):**

   - **Star Cinema: 7 hits**

   - **Twentieth Century Fox: 4 hits**

5. **Top 3 Superhit Drama Actresses (Q28):**

   o **Sangeetha Bhat: 1,010 votes, avg 9.6000**

   o **Adriana Matoshi: 3932 votes, avg 9.4000**

   o **Fatmire Sahiti: 3932 votes, avg 9.4000**

6. **Top 9 Directors Profiled (Q29):**

   o **A.L. Vijay (nm1777967): 5 movies, 177 days avg interval, avg_rating 5.42, 1,754 votes, 613 min total duration**

   o **Andrew Jones: 5, 191 days, 3.02 avg_rating,**

   o **Steven Soderbergh, Jesse V. Johnson, etc., each with similarly computed metrics**

Conclusion : These fact-backed highlights provide RSVP Movies with actionable intelligence on production volume, genre performance, talent rankings, and partnership opportunities.