

# Frame by Frame

## Group Members:

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We used an AI tool to generate sample data to populate the database, demonstrating that the queries and the database itself function properly.

```
Query OK, 0 rows affected (0.004 sec)
Query OK, 0 rows affected (0.006 sec)
Query OK, 0 rows affected (0.005 sec)
Query OK, 0 rows affected (0.007 sec)
Query OK, 0 rows affected (0.007 sec)
Query OK, 0 rows affected (0.007 sec)
Query OK, 0 rows affected (0.005 sec)
Query OK, 0 rows affected (0.005 sec)
Query OK, 0 rows affected (0.005 sec)
Query OK, 0 rows affected (0.004 sec)
Query OK, 0 rows affected (0.005 sec)
Query OK, 0 rows affected (0.003 sec)
Query OK, 0 rows affected (0.005 sec)
Query OK, 0 rows affected (0.003 sec)
Query OK, 0 rows affected (0.005 sec)
Query OK, 10 rows affected (0.001 sec)
Records: 10 Duplicates: 0 Warnings: 0
Query OK, 10 rows affected (0.022 sec)
Records: 10 Duplicates: 0 Warnings: 0
Query OK, 15 rows affected (0.002 sec)
Records: 15 Duplicates: 0 Warnings: 0
```

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Query OK, 15 rows affected (0.002 sec)
Records: 15 Duplicates: 0 Warnings: 0

Query OK, 5 rows affected (0.001 sec)
Records: 5 Duplicates: 0 Warnings: 0

Query OK, 15 rows affected (0.001 sec)
Records: 15 Duplicates: 0 Warnings: 0

Query OK, 45 rows affected (0.001 sec)
Records: 45 Duplicates: 0 Warnings: 0

Query OK, 65 rows affected (0.002 sec)
Records: 65 Duplicates: 0 Warnings: 0

Query OK, 3 rows affected (0.001 sec)
Records: 3 Duplicates: 0 Warnings: 0

Query OK, 22 rows affected (0.001 sec)
Records: 22 Duplicates: 0 Warnings: 0

Query OK, 3 rows affected (0.001 sec)
Records: 3 Duplicates: 0 Warnings: 0

Query OK, 45 rows affected (0.002 sec)
Records: 45 Duplicates: 0 Warnings: 0

Query OK, 21 rows affected (0.001 sec)
Records: 21 Duplicates: 0 Warnings: 0

Query OK, 49 rows affected (0.003 sec)
Records: 49 Duplicates: 0 Warnings: 0

Query OK, 30 rows affected (0.001 sec)
Records: 30 Duplicates: 0 Warnings: 0

Query OK, 62 rows affected (0.002 sec)
Records: 62 Duplicates: 0 Warnings: 0
```

```

+-----+-----+-----+
| title | average_rating | review_count |
+-----+-----+-----+
| The Godfather | 9.70 | 4 |
| The Shawshank Redemption | 9.58 | 4 |
| Toy Story | 9.27 | 3 |
| The Dark Knight | 9.13 | 4 |
| Pulp Fiction | 9.07 | 3 |
| Forrest Gump | 8.98 | 4 |
| Inception | 8.95 | 4 |
| Get Out | 8.90 | 2 |
| Parasite | 8.90 | 2 |
| Interstellar | 8.75 | 2 |
| The Matrix | 8.75 | 4 |
| Knives Out | 8.25 | 2 |
| Mean Girls | 8.10 | 3 |
| The Avengers | 7.88 | 4 |
| La La Land | 7.83 | 3 |
+-----+-----+-----+
15 rows in set (0.000 sec)

+-----+-----+
| genre | avg_genre_rating |
+-----+-----+
| Animation | 9.27 |
+-----+-----+
1 row in set (0.000 sec)

+-----+-----+-----+-----+-----+
| review_id | username | movie_title | rating | like_count |
+-----+-----+-----+-----+-----+
| 1 | MovieBuff_John | The Shawshank Redemption | 9.5 | 5 |
| 5 | MovieBuff_John | The Dark Knight | 9.0 | 5 |
| 23 | ScreenGeek_David | The Godfather | 10.0 | 4 |
| 26 | FlickLover_Emma | Parasite | 9.0 | 4 |
| 41 | PopcornAmy | Toy Story | 9.3 | 4 |
+-----+-----+-----+-----+-----+
5 rows in set (0.000 sec)

```

```

+-----+-----+-----+
| movieTitle | averageRating | totalReviews |
+-----+-----+-----+
| The Godfather | 9.70 | 4 |
| The Shawshank Redemption | 9.58 | 4 |
| Toy Story | 9.27 | 3 |
| The Dark Knight | 9.13 | 4 |
| Pulp Fiction | 9.07 | 3 |
+-----+-----+-----+
5 rows in set (0.000 sec)

+-----+-----+-----+
| movieTitle | tagType | tagValue |
+-----+-----+-----+
| Mean Girls | Genre | Comedy |
| Mean Girls | Director | Mark Waters |
| Mean Girls | Cast | Lindsay Lohan |
| Mean Girls | Cast | Rachel McAdams |
+-----+-----+-----+
4 rows in set (0.000 sec)

+-----+-----+
| Username | reviewsWritten |
+-----+-----+
| CinemaQueen_Jane | 7 |
| FilmCritic_Tom | 6 |
| MovieBuff_John | 6 |
| ScreenGeek_David | 5 |
| FilmFanatic_Mike | 5 |
| MovieMaven_Chris | 5 |
| ReelTalk_Sarah | 4 |
| CinephileLisa | 4 |
| FlickLover_Emma | 4 |
| PopcornAmy | 3 |
+-----+-----+

```

```
10 rows in set (0.000 sec)
```

username	total_reviews
CinemaQueen_Jane	7
FilmCritic_Tom	6
MovieBuff_John	6
ScreenGeek_David	5
FilmFanatic_Mike	5
MovieMaven_Chris	5
ReelTalk_Sarah	4
CinephileLisa	4
FlickLover_Emma	4
PopcornAmy	3

```
10 rows in set (0.000 sec)
```

category	total_movies
Feature	15
Blockbuster	7

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2 rows in set (0.000 sec)
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title	releaseYear	genre
The Dark Knight	2008	Action
Inception	2010	Action
The Matrix	1999	Action
The Avengers	2012	Action

```
4 rows in set (0.000 sec)
```

genre	username	total_reviews
Action	FilmCritic_Tom	3
Action	FilmFanatic_Mike	3
Action	MovieMaven_Chris	3
Action	MovieBuff_John	2
Action	CinemaQueen_Jane	2
Action	ReelTalk_Sarah	1
Action	ScreenGeek_David	1
Action	FlickLover_Emma	1
Animation	MovieMaven_Chris	1
Animation	PopcornAmy	1
Animation	CinephileLisa	1
Comedy	PopcornAmy	2
Comedy	CinemaQueen_Jane	1
Comedy	CinephileLisa	1
Comedy	ReelTalk_Sarah	1
Comedy	MovieMaven_Chris	1
Crime	ScreenGeek_David	4
Crime	CinemaQueen_Jane	2
Crime	MovieBuff_John	2
Crime	CinephileLisa	2
Crime	FilmFanatic_Mike	1
Crime	FlickLover_Emma	1
Crime	FilmCritic_Tom	1
Drama	MovieBuff_John	4
Drama	FlickLover_Emma	3
Drama	CinemaQueen_Jane	2
Drama	FilmFanatic_Mike	2
Drama	ScreenGeek_David	2
Drama	FilmCritic_Tom	2
Drama	ReelTalk_Sarah	2

```
30 rows in set (0.001 sec)
```

```
30 rows in set (0.001 sec)

+-----+-----+-----+-----+
| title | genre | movie_avg | genre_avg |
+-----+-----+-----+-----+
| The Godfather | Drama | 9.70 | 9.04 |
| The Godfather | Crime | 9.70 | 9.15 |
| The Shawshank Redemption | Drama | 9.58 | 9.04 |
| Toy Story | Comedy | 9.27 | 8.68 |
| The Dark Knight | Action | 9.13 | 8.68 |
| Forrest Gump | Romance | 8.98 | 8.49 |
| Inception | Sci-Fi | 8.95 | 8.56 |
| Inception | Action | 8.95 | 8.68 |
| Inception | Thriller | 8.95 | 8.88 |
| Parasite | Thriller | 8.90 | 8.88 |
| The Matrix | Sci-Fi | 8.75 | 8.56 |
| The Matrix | Action | 8.75 | 8.68 |
| Interstellar | Sci-Fi | 8.75 | 8.56 |
+-----+-----+-----+-----+

13 rows in set (0.001 sec)

+-----+-----+
| title | total_comments |
+-----+-----+
| Inception | 4 |
| The Godfather | 4 |
| Forrest Gump | 3 |
| Toy Story | 3 |
| The Shawshank Redemption | 3 |
+-----+-----+

5 rows in set (0.000 sec)
```