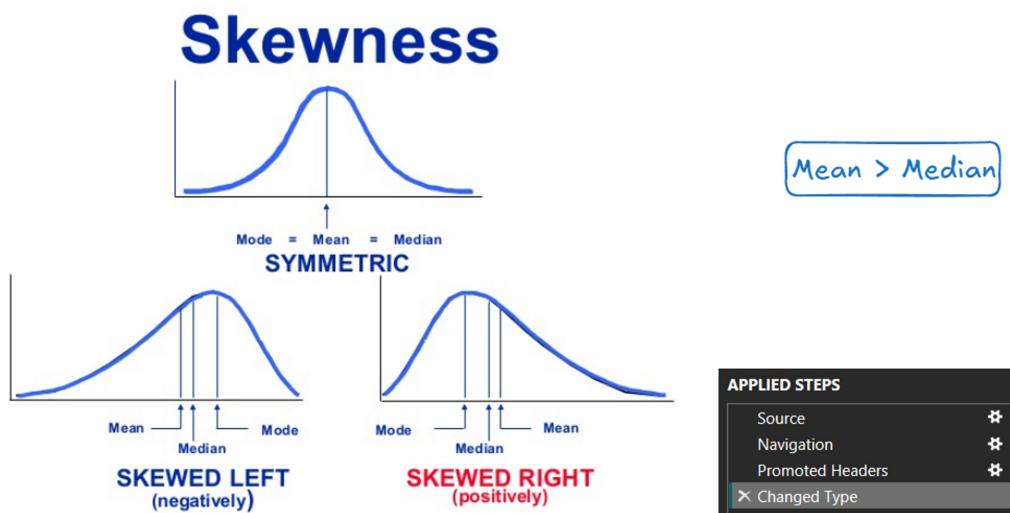


## Visualising Netflix Dataset

- Which was the best movie and TV show overall in the last 50 years?
- How many movies do we have in our dataset across the last few years? Do we have more representation of movies from the last 20 years or is the dataset free from any such skewness?
- On average, how has the IMDB score been trending over the last 50 years? Has it been deteriorating or improving?
- Have more people started voting for movies/shows on IMDB over the last 50 yrs?
- On average, how has the runtime changed over the last 50 years?
- How does age certification of a movie affect its rating?
- How does age certification of a TV show affect its rating?

- What visual to choose to solve above questions.
- Find Insights from the dashboard.
- Telling a story-based insights backed by data.
- How to publish the dashboard.



= Table.TransformColumnTypes(#"Promoted Headers",{{{"index", Int64.Type}, {"id", type text}, {"title", type text}, {"type", type text}},

| $\text{t2}_3$ index                | $A^B_C$ id                         | $A^B_C$ title                      | $A^B_C$ type                       | $A^B_C$ description                |                                     |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| Valid 100%<br>Error 0%<br>Empty 0% |                                     |
| 1000 distinct, 1000 unique         | 1000 distinct, 1000 unique         | 998 distinct, 996 unique           | 2 distinct, 0 unique               | 1000 distinct, 1000 unique         |                                     |
| $\text{t2}_3$ release_year         | $A^B_C$ age_certification          | $\text{t2}_3$ runtime              | $A^B_C$ imdb_id                    | 1.2 imdb_score                     | $\text{t2}_3$ imdb_votes            |
| Valid 100%<br>Error 0%<br>Empty 0% | Valid 100%<br>Error 0%<br>Empty 0% | 71%<br>0%<br>28%                   | Valid 100%<br>Error 0%<br>Empty 0% | Valid 100%<br>Error 0%<br>Empty 0% | Valid 99%<br>Error 0%<br>Empty < 1% |
| 58 distinct, 15 unique             | 12 distinct, 0 unique              | 183 distinct, 41 unique            | 1000 distinct, 1000 unique         | 64 distinct, 8 unique              | 955 distinct, 916 unique            |

## Replace Values

Replace one value with another in the selected columns.

Value To Find

null

Replace With

1000

OK

Cancel

## Replace Values

Replace one value with another in the selected columns.

Value To Find

null

Replace With

Unknown

Advanced options

OK

Cancel

| 1.2 imdb_score                     | 1.2 imdb_votes                     |
|------------------------------------|------------------------------------|
| Valid 100%<br>Error 0%<br>Empty 0% | Valid 100%<br>Error 0%<br>Empty 0% |
| 64 distinct, 8 unique              | 954 distinct, 914 unique           |
| 8.3                                | 795222                             |
| 8.2                                | 530877                             |
| 8                                  | 392419                             |
| 8.1                                | 391942                             |
| 8.8                                | 72895                              |
| 7.7                                | 153463                             |
| 7.8                                | 94121                              |
| 5.8                                | 69053                              |
| 7.7                                | 111189                             |
| 7.3                                | 16168                              |
| 7.5                                | 50150                              |
| 7.6                                | 30277                              |
| 8.1                                | 5141                               |
| 6.9                                | 11329                              |
| 7.5                                | 42373                              |
| 7.5                                | 4385                               |

Rating Votes =  $\text{imdb\_score} * \text{imdb\_votes}$

**Custom Column**

Add a column that is computed from the other columns.

New column name: Rating Votes

Custom column formula: `= [imdb_score] * [imdb_votes]`

Available columns:

- description
- release\_year
- age\_certification
- runtime
- imdb\_id
- imdb\_score
- imdb\_votes

<< Insert OK Cancel

Learn about Power Query formulas

✓ No syntax errors have been detected.

| Rating Votes  |      |
|---|------|
| Valid   | 100% |
| Error   | 0%   |
| Empty   | 0%   |
|  |      |
| 997 distinct, 994 unique  |      |
| 6600343   |      |
| 4353191   |      |
| 3139352   |      |
| 3174730   |      |
| 641476  |      |
| 1181665   |      |
| 734144  |      |
| 400507  |      |
| 856155  |      |
| 118026  |      |
| 376125  |      |
| 230105  |      |
| 41642   |      |
| 78170   |      |
| 317798  |      |
| 32888   |      |

**PROPERTIES**

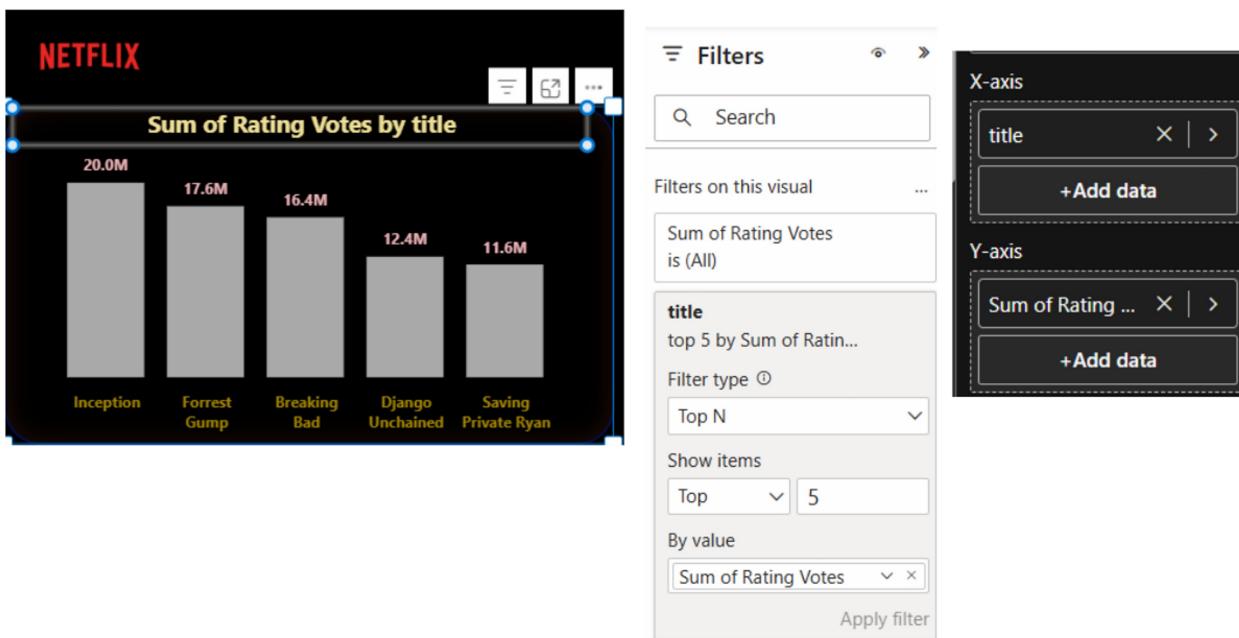
Name: Netflix TV Shows and Movies

All Properties

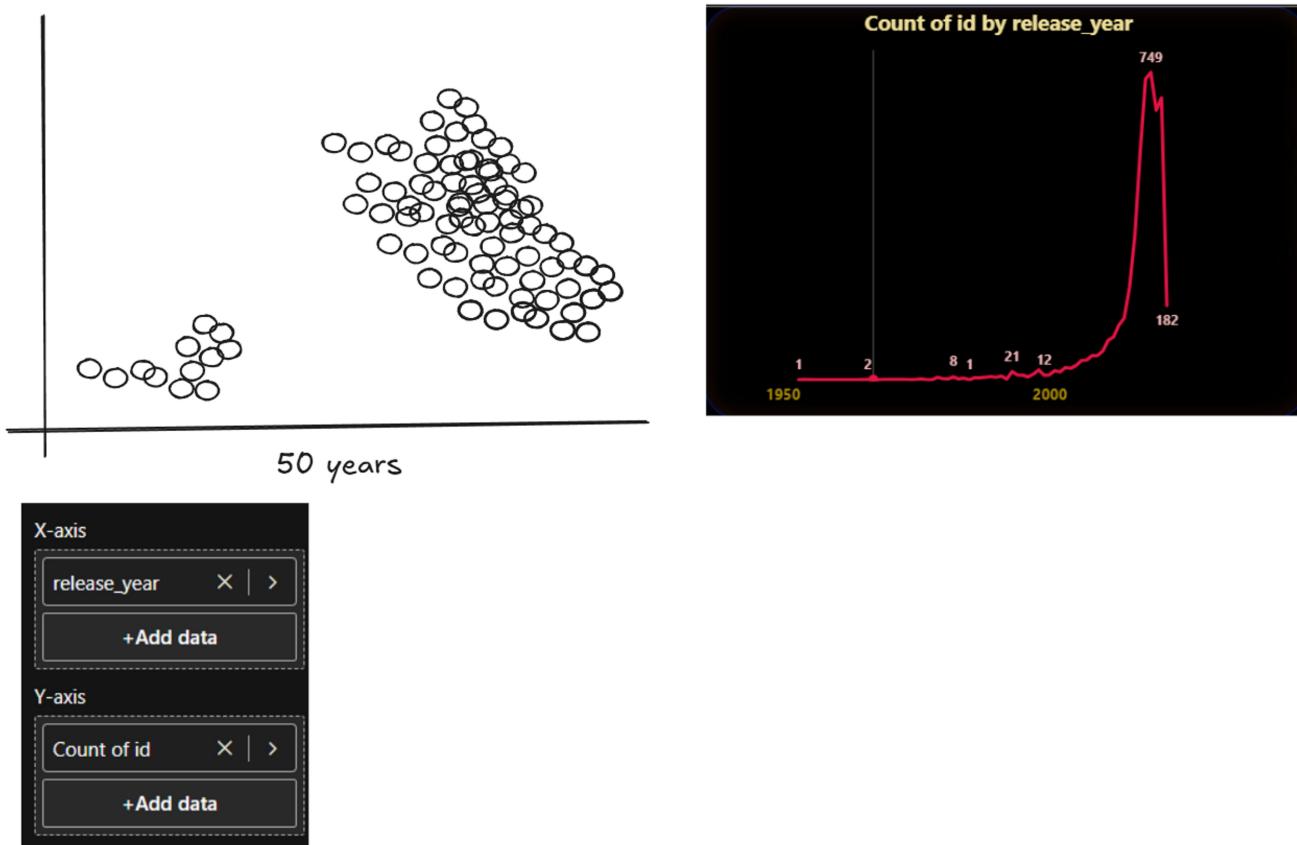
**APPLIED STEPS**

- Source
- Navigation
- Promoted Headers: Navigation
- Changed Type
- Replaced Value
- Replaced Value1
- Added Custom
- Changed Type1

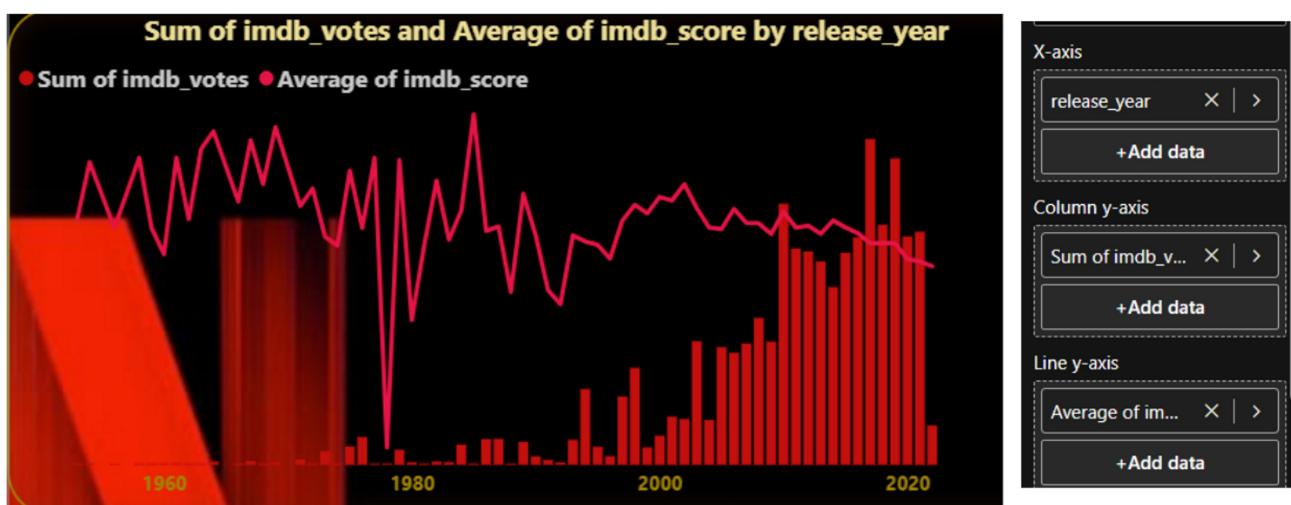
- Which was the best movie and TV show overall in the last 50 years?



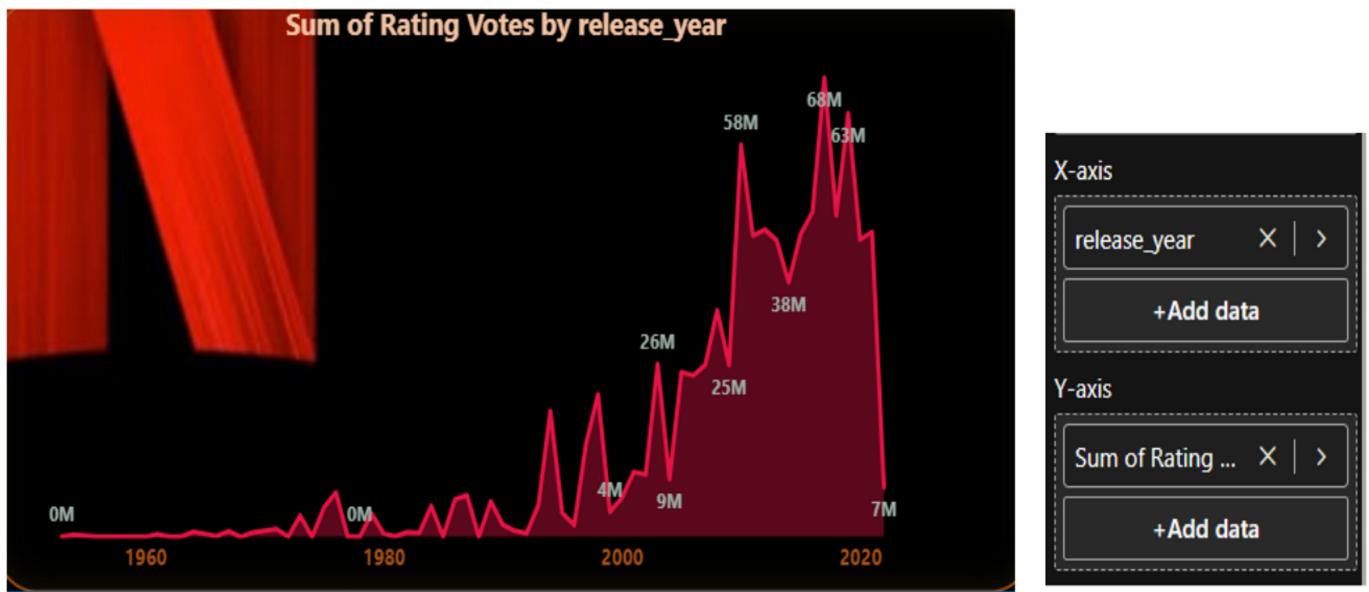
- How many movies do we have in our dataset across the last few years? Do we have more representation of movies from the last 20 years or is the dataset free from any such skewness?



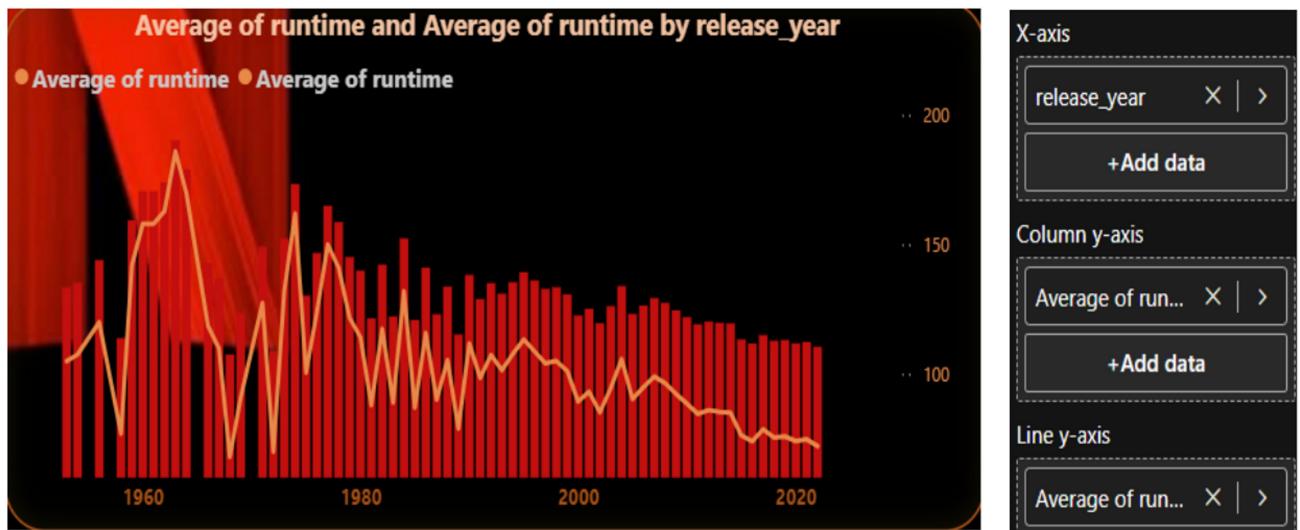
- On average, how has the IMDB score been trending over the last 50 years? Has it been deteriorating or improving?



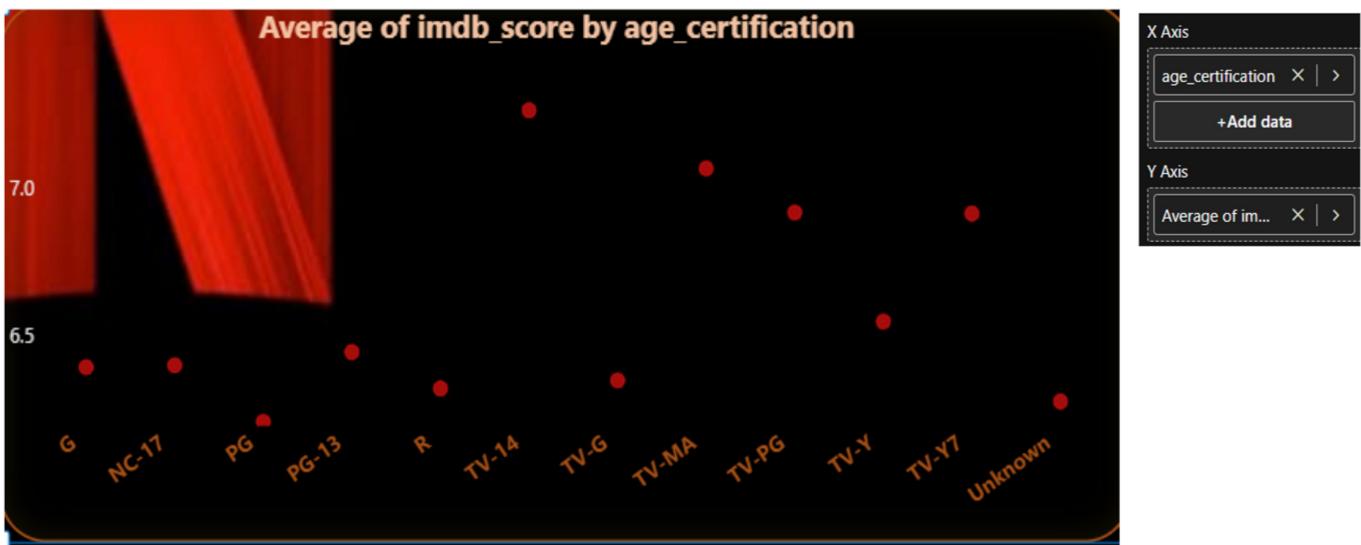
- Have more people started voting for movies/shows on IMDB over the last 50 yrs?



- On average, how has the runtime changed over the last 50 years?



- How does age certification of a movie affect its rating?
- How does age certification of a TV show affect its rating?



## Dashboard

