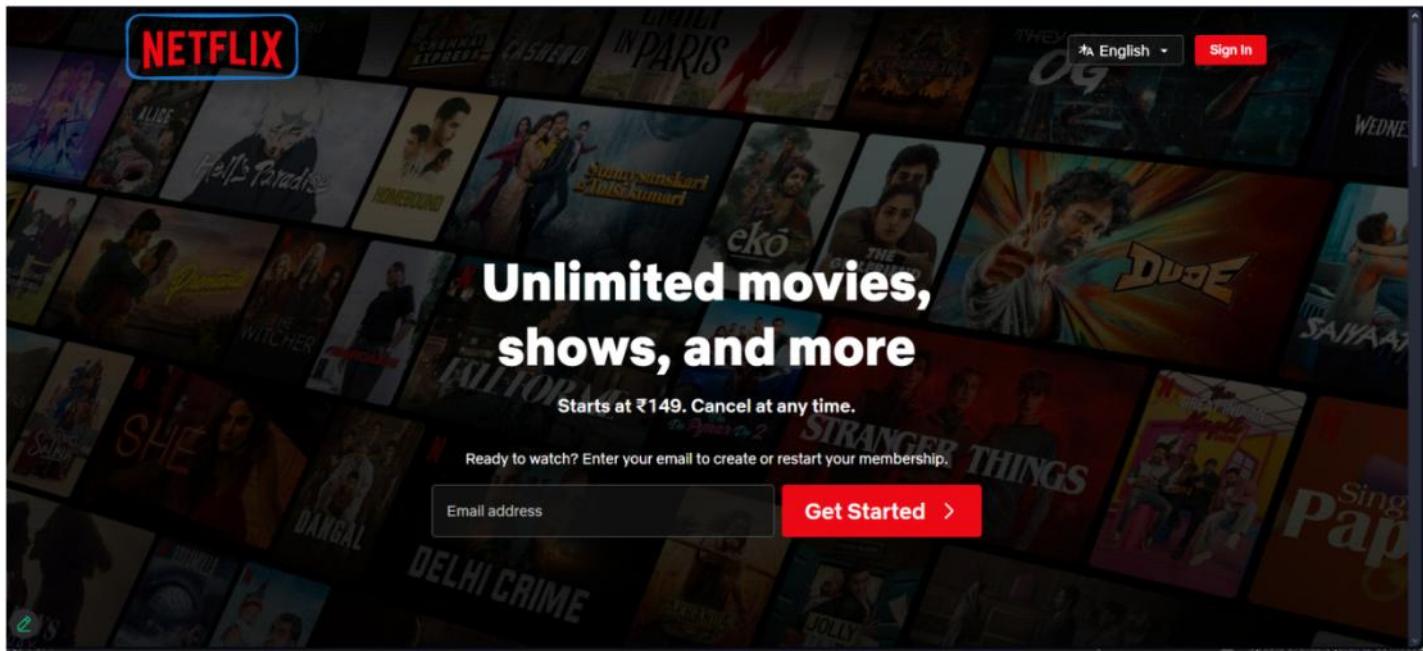


Visualising Netflix Dataset

- Which was the best movie and TV Show overall in the last 50 years?
 - How many movies do we have in our dataset across last few years? Do we have more representation of movies from the last 20 years or is dataset free from any such skewness?
 - On average, how was 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 over 50 years?
 - 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 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.



Navigator

Display Options

- Netflix TV Shows & Movies.xlsx [1]
- Netflix TV Shows and Movies

Netflix TV Shows and Movies

index	id	title	type	descri
0	tm84618	Taxi Driver	MOVIE	A
1	tm127384	Monty Python and the Holy Grail	MOVIE	Ki
2	tm70993	Life of Brian	MOVIE	Br
3	tm190788	The Exorcist	MOVIE	12
4	ts22164	Monty Python's Flying Circus	SHOW	A
5	tm14873	Dirty Harry	MOVIE	W
6	tm185072	My Fair Lady	MOVIE	A
7	tm98978	The Blue Lagoon	MOVIE	Tv
8	tm119281	Bonnie and Clyde	MOVIE	In
9	tm67378	The Professionals	MOVIE	Ar
10	tm44204	The Guns of Navarone	MOVIE	A
11	tm69778	Lupin the Third: The Castle of Cagliostro	MOVIE	Af
12	tm69997	Richard Pryor: Live in Concert	MOVIE	Ri
13	tm96649	The Long Riders	MOVIE	Th
14	tm16479	White Christmas	MOVIE	Tv
15	tm135083	Cairo Station	MOVIE	Qi
16	tm14491	The Queen	MOVIE	In
17	tm89386	Hitler: A Career	MOVIE	A
18	tm156453	FTA	MOVIE	A
19	tm27298	Saladin the Victorious	MOVIE	Sa
20	tm356209	Singapore	MOVIE	W
21	tm204541	Dark Waters	MOVIE	Ra
22	tm14350	Alexandria Ocasio-Cortez Why?	MOVIE	Se

Load Transform Data Cancel

Queries [1]

Netflix TV Shows and Movies

Table.TransformColumnType("Promoted Headers", [{"index": 0, "type": Int64.Type}, {"id": type_text}, {"title": type_text}, {"type": type_text}, {"descri": type_text}], [{"column": "index", "type": Int64.Type}, {"column": "id", "type": type_text}, {"column": "title", "type": type_text}, {"column": "type", "type": type_text}, {"column": "descri", "type": type_text}])

Properties: Name - Netflix TV Shows and Movies

Applied Steps: Source, Navigation, Promoted Headers, Changed Type

Impact analysis <5% -> drop the rows.

High Outliers
Mean - 23407
Median - 2279

Imputing > Mean or Median

10 thousand people voted for a movie with avg rating as 8.9
VS
1 million people voted for a movie with avg rating of 7.5

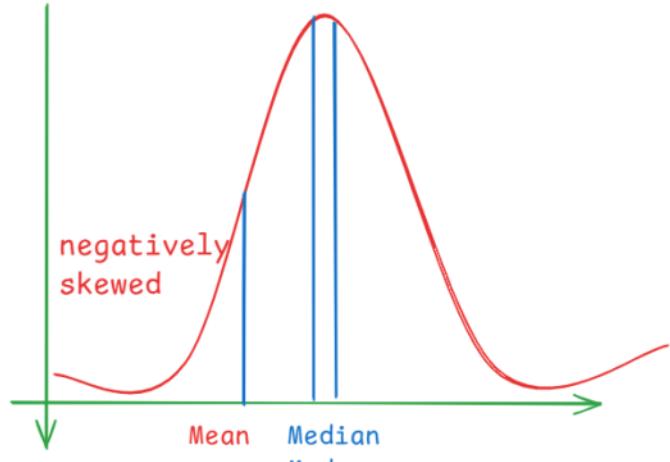
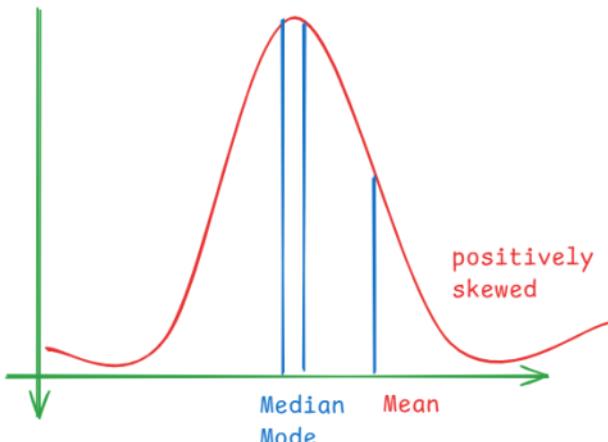
100x

replace('null','NA')

Checklist:

- (Select All)
- (null)
- G
- NC-17
- PG
- PG-13
- R
- TV-14
- TV-G
- TV-MA
- TV-PG
- TV-Y
- TV-Y7

t_3 release_year	A_B_C age_certification	t_3 runtime	A_B_C imdb_id	1.2 imdb_score	t_3 imdb_votes
94% Valid 0% Error 6% Empty	100% Valid 0% Error 0% Empty	56% Valid 0% Error 44% Empty	100% Valid 0% Error 0% Empty	100% Valid 0% Error 0% Empty	100% Valid 0% Error 0% Empty
7 distinct, 3 unique	4 distinct, 1 unique	15 distinct, 14 unique	16 distinct, 16 unique	10 distinct, 4 unique	1 distinct, 0 unique
...e world of Irvi...	2014 PG-13	86 tt3766424	6.3	...null	
n in the Ain el-He...	2013 null	12 tt3289618	7.8	...null	
edridden gran...	2017 null	10 tt7466040	7.5	...null	
ng it big. How...	2019 PG	93 tt10326928	5.3	...null	
he Israel Defe...	2019 R	103 tt10767720	5.6	...null	
osives expert ...	2020 R	80 tt10804786	4.3	...null	
...null	2020 null	49 tt13079112	6.5	...null	
word respons...	2020 PG-13	8 tt13322484	6.9	...null	
ory, place and ...	2019 null	27 tt10545994	7.7	...null	
d School for th...	2021 PG-13	39 tt12771540	5.3	...null	
he US frame t...	2021 null	40 tt15339848	7.1	...null	
arrived to Bena...	2021 null	22 tt14608922	7.7	...null	
i soldiers after...	2022 PG-13	13 tt17162524	6.5	...null	
itary short fea...	2022 PG-13	34 tt15470770	6.3	...null	
r correctly to h...	2022 PG-13	12 tt17321170	6.9	...null	
g Rabbids for a...	2021 null	68 tt15310736	7.8	...null	



Replace Values

Replace one value with another in the selected columns.

Value To Find

null

Replace With

NA

Age-Certification

Advanced options

OK

Cancel

Replace Values

Replace one value with another in the selected columns.

Value To Find

null

Replace With

2279

Imdb_votes

OK

Cancel

Screenshot of the Power BI desktop interface showing the 'Add Column' dialog.

Home **Transform** (highlighted) **Add Column** (highlighted)

Queries [1]

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:

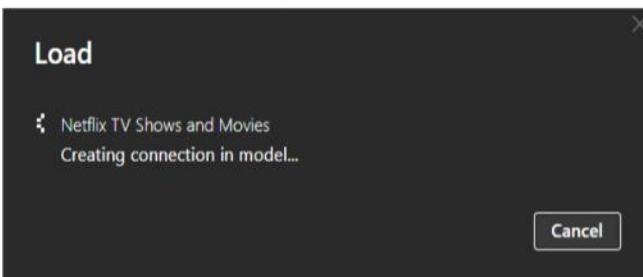
- description
- release_year
- age_certification
- runtime
- imdb_id
- imdb_score (highlighted)
- imdb_votes (highlighted)

Learn about Power Query formulas

OK Cancel

Right panel displays data preview for the 'imdb_score' and 'imdb_votes' columns.

imdb_score	imdb_votes
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



Load

✓ Netflix TV Shows and Movies
5,283 rows loaded.

Cancel

Netflix TV Shows and Movies

- age_certification
- description
- id
- imdb_id
- Σ imdb_score
- Σ imdb_votes
- Σ index
- Σ Rating Votes
- Σ release_year
- Σ runtime
- title
- type

Data

Search

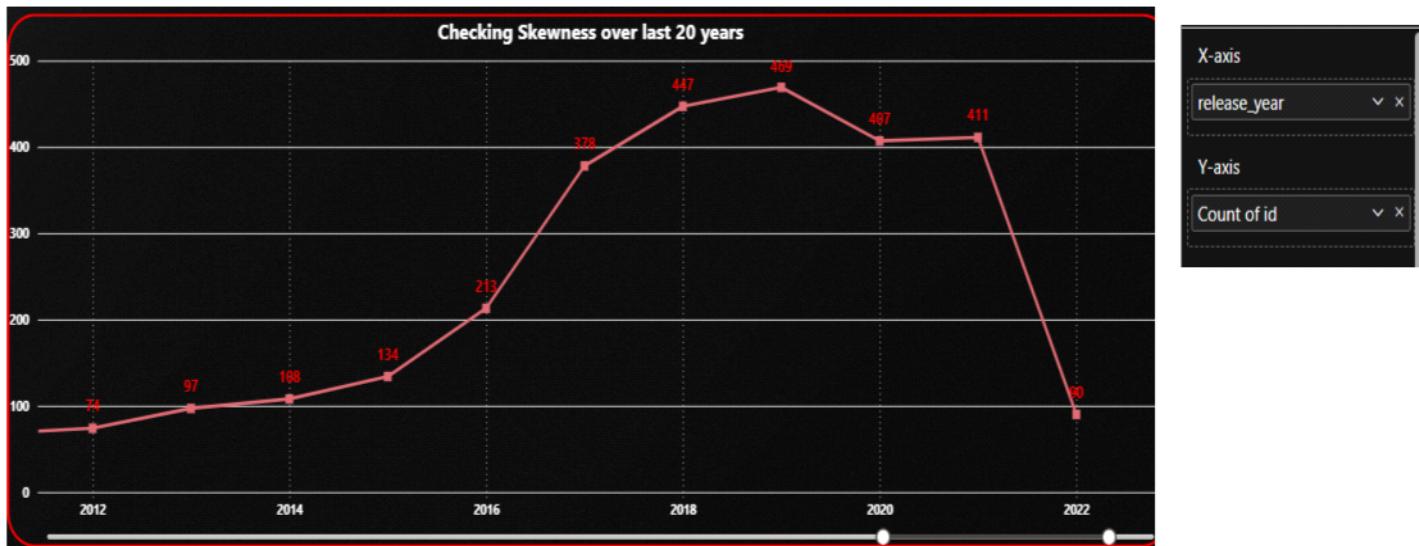
> Netflix TV Shows and Movies ...



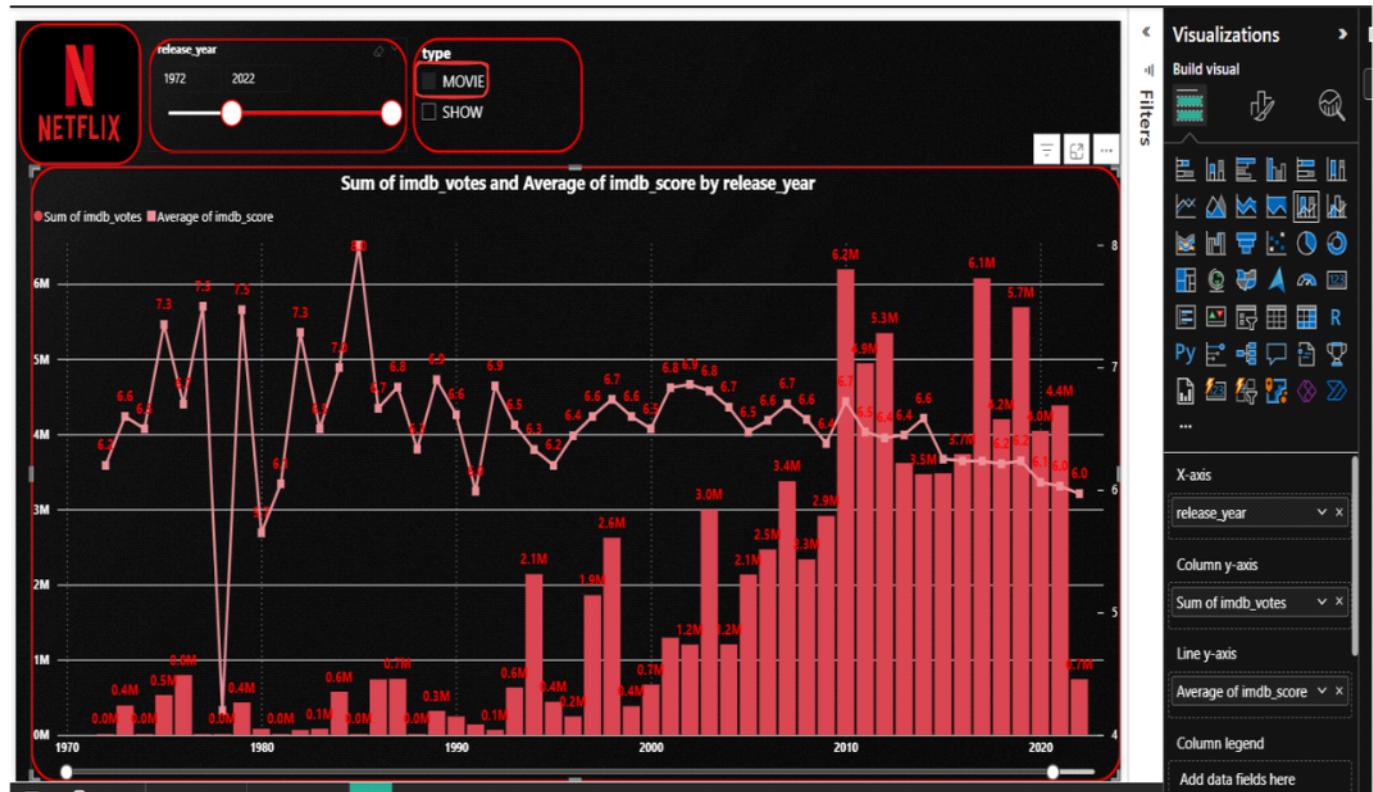
Which was the best movie and TV Show overall in the last 50 years?

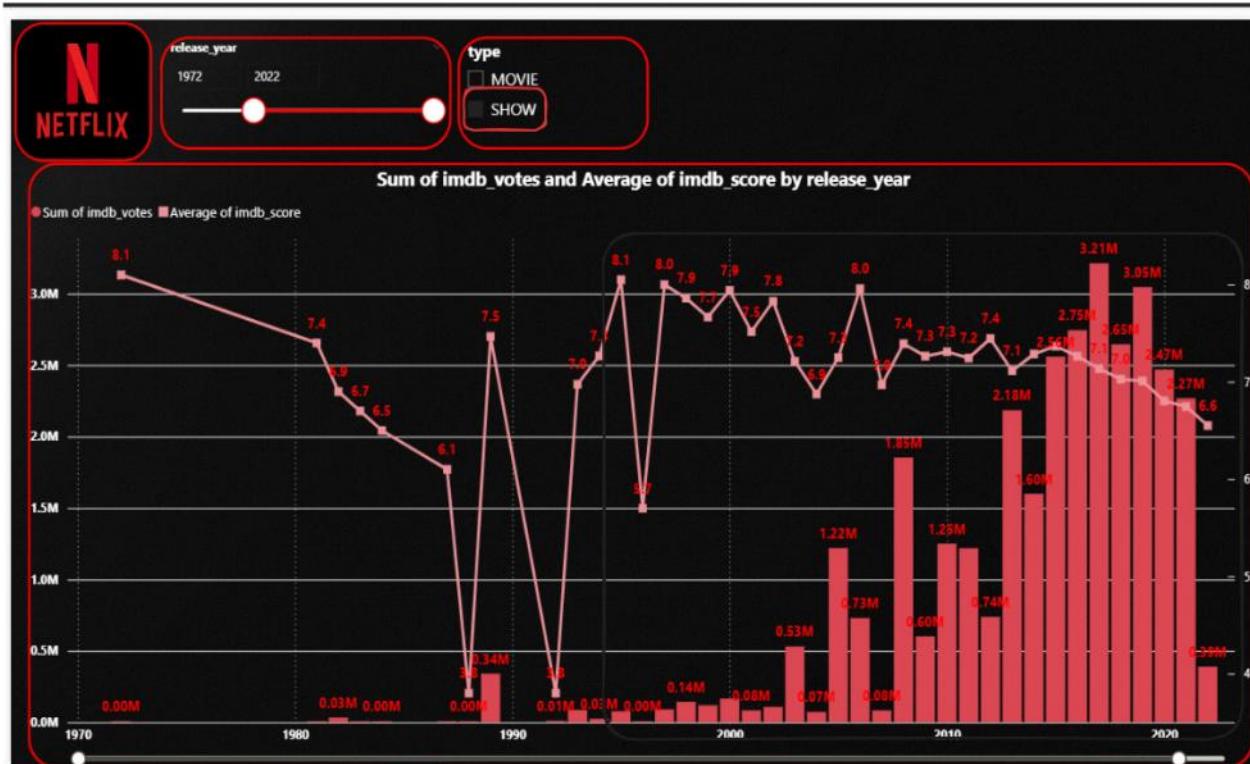


How many movies do we have in our dataset across last few years? Do we have more representation of movies from the **last 20 years** or is dataset free from any such skewness?

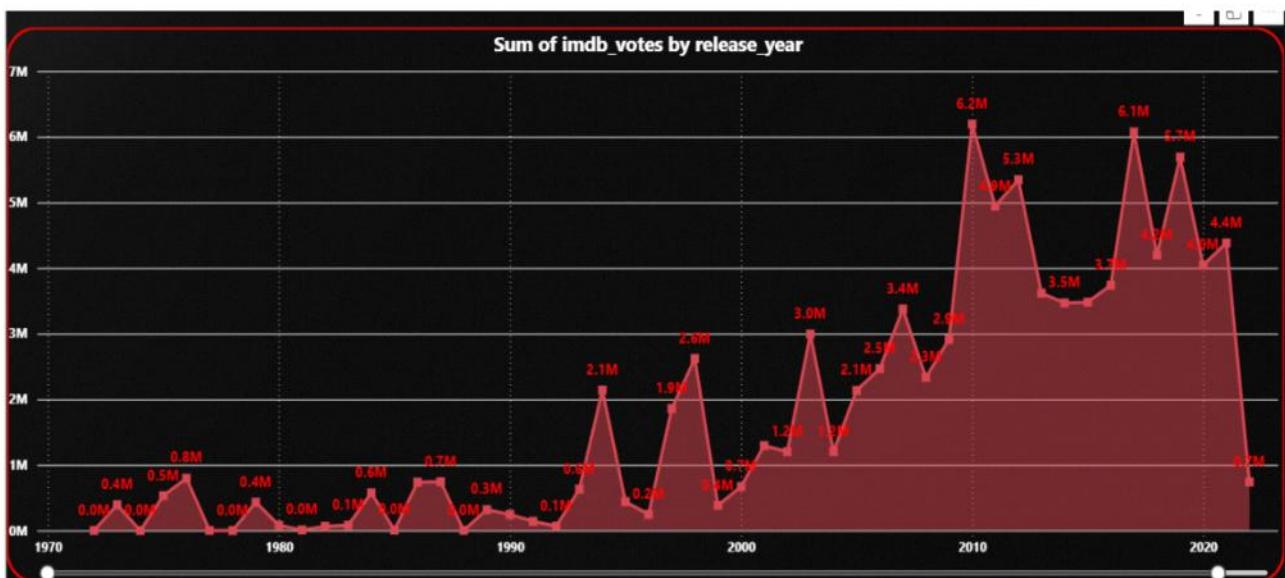


On **average**, how was the IMDB score been trending over the last 50 years? Has it been deteriorating or improving?





Have more people started voting for movies/shows on over 50 years?



X-axis

Y-axis

