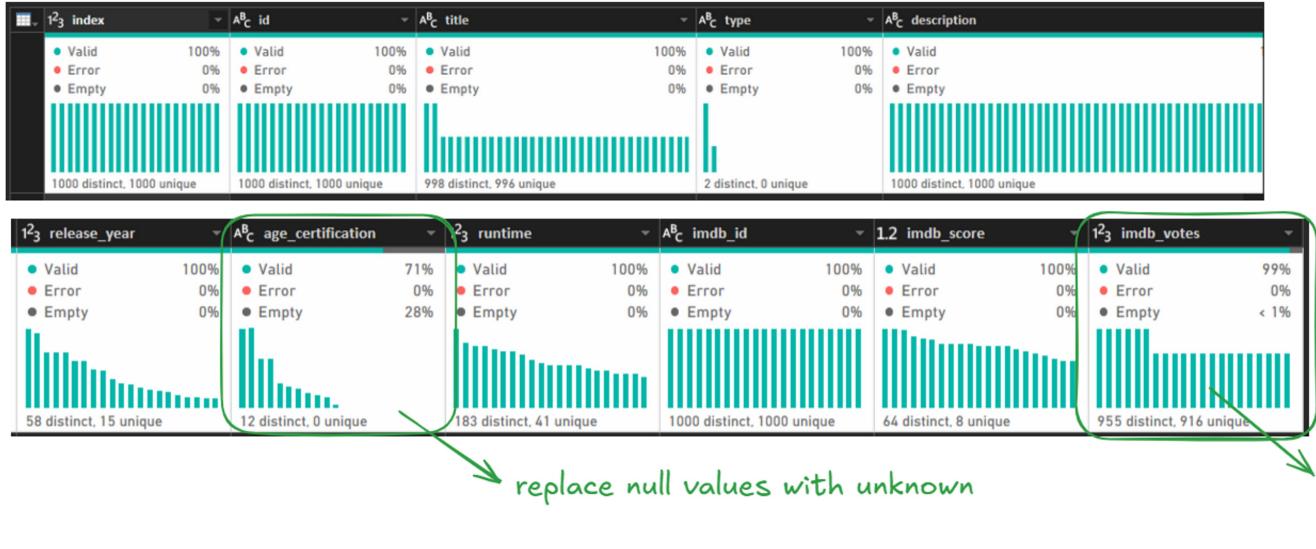


Visualising Netflix Dataset

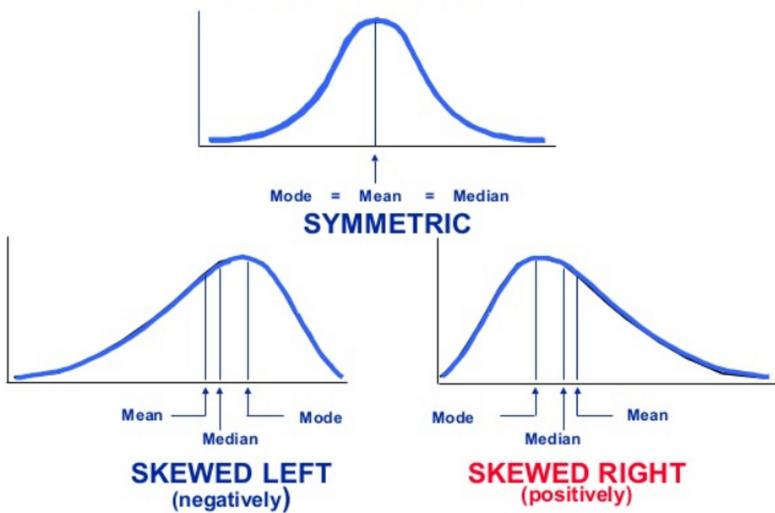
- Which was the best movie and TV show overall in the last 50 years?
- How many movies do we have in our dataset across the last few years? Do we have more representation of movies from the last 20 years or is the dataset free from any such skewness?
- On average, how has the IMDB score been trending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



Median > Mean [When there might be a chance of having an outliers.]

Skewness



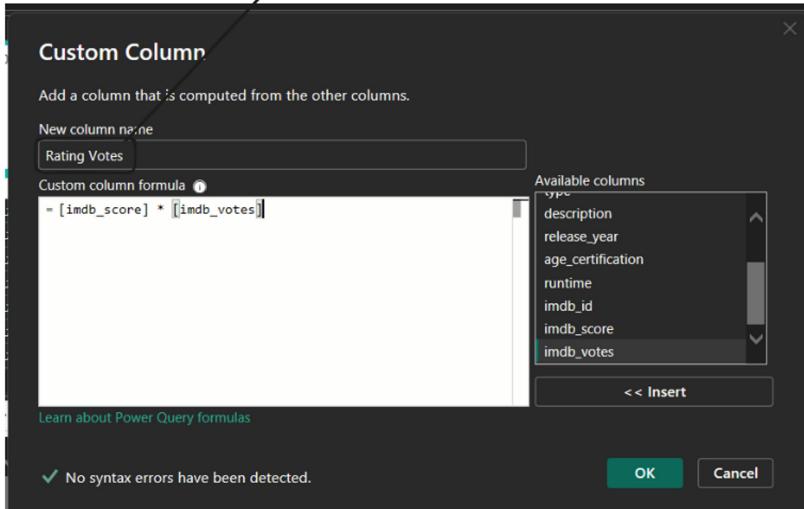
41

100 , 200 , 300 , 400 , 10000

Mean = 2200

Median - 300

if 1000 people have given a rating on an average 8.9
Vs 100000 people given a rating on an average 7.2.



= Table.TransformColumnTypes(#"Added Custom",{{"Rating Votes", type number}})

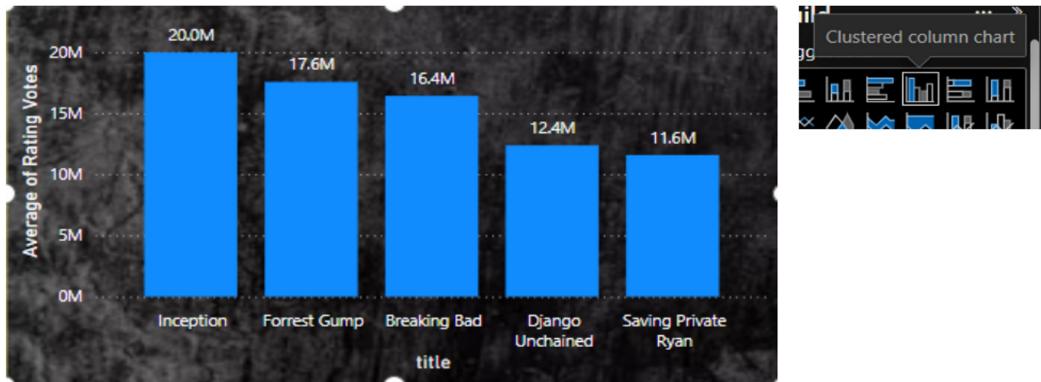
	age_certification	runtime	imdb_id	imdb_score	imdb_votes	Rating Votes
1	100% Valid 0% Error 0% Empty					
2	12 distinct, 0 unique	183 distinct, 41 unique	1000 distinct, 1000 unique	64 distinct, 8 unique	955 distinct, 916 unique	997 distinct, 994 unique
3	1976 R	113 tt0075314	8.3	795222	6600342.6	
4	1975 PG	91 tt0071853	8.2	530877	4353191.4	
5	1979 R	94 tt0079470	8	392419	3139352	
6	1973 R	133 tt0070047	8.1	391942	3174730.2	
7	1969 TV-14	30 tt0063929	8.8	72895	641476	
8	1971 R	102 tt0066999	7.7	153463	1181665.1	
9	1964 G	170 tt0058385	7.8	94121	734143.8	

Data Modelling

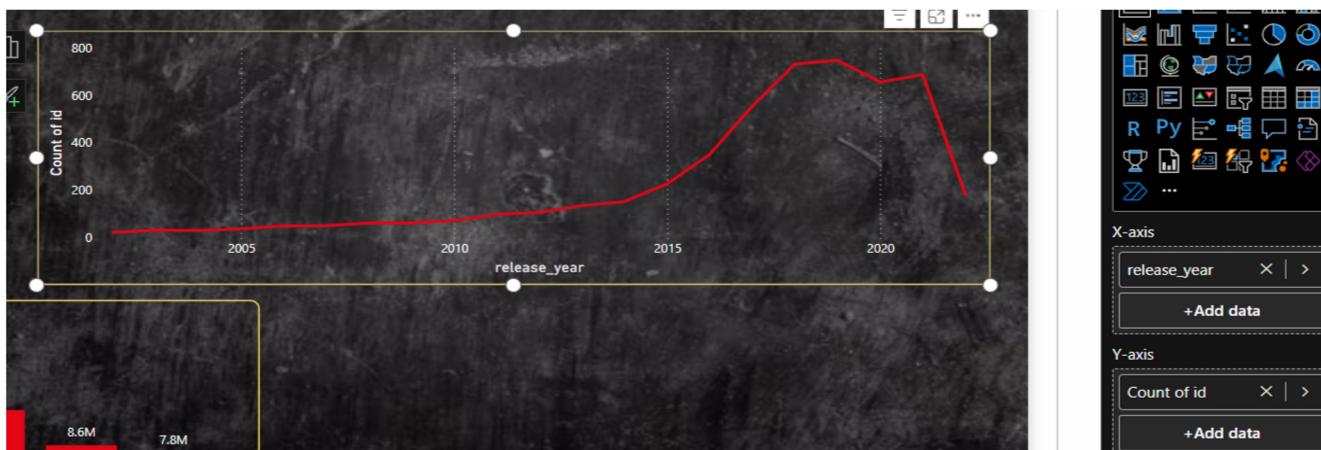
The screenshot shows the Power BI Data Model view. On the left, there's a tree view of the data model. In the center, a detailed view of the 'Netflix TV Shows and Movies' table is shown, listing its columns: age_certification, description, id, imdb_id, imdb_score, imdb_votes, index, Rating Votes, and release year. A 'Collapse' button is at the bottom.

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

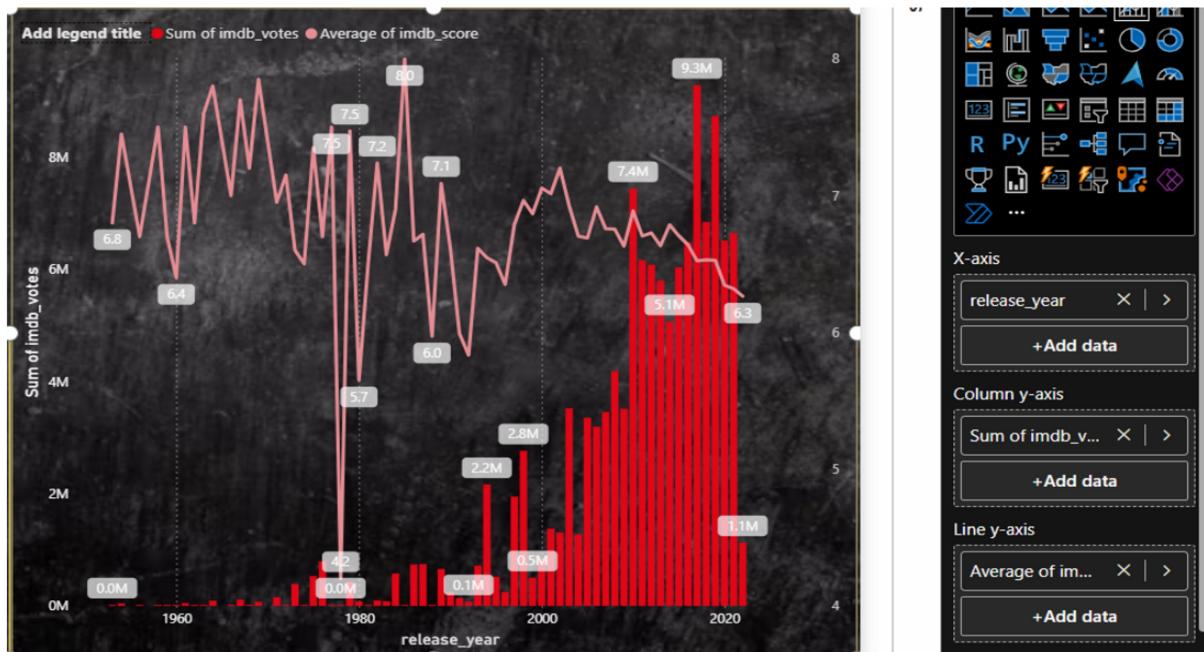




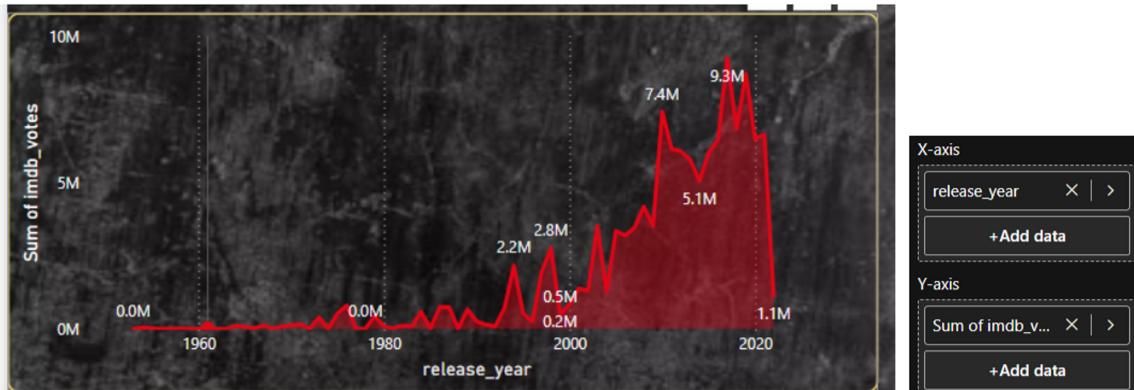
- How many movies do we have in our dataset across the last few years? Do we have more representation of movies from the last 20 years or is the dataset free from any such skewness?



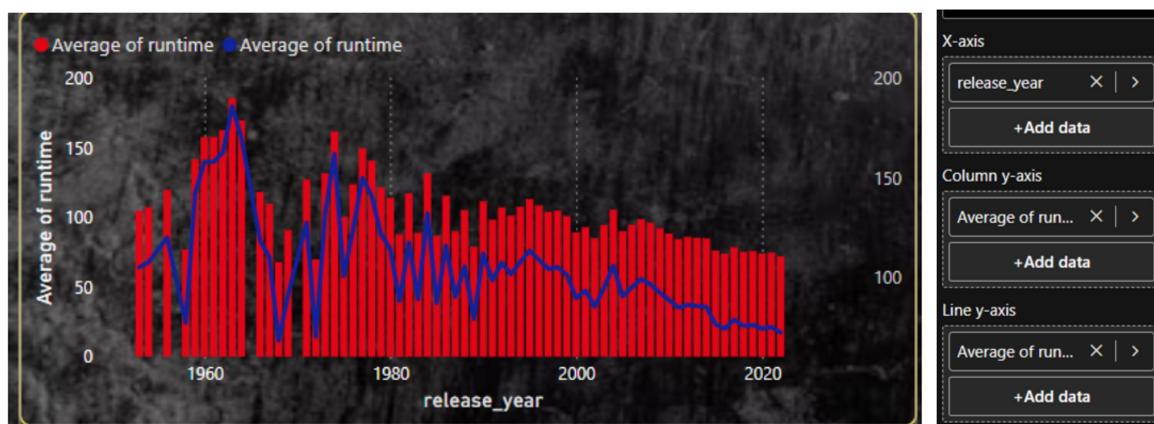
- On average, how has the IMDB score been trending over the last 50 years? Has it been deteriorating or improving?



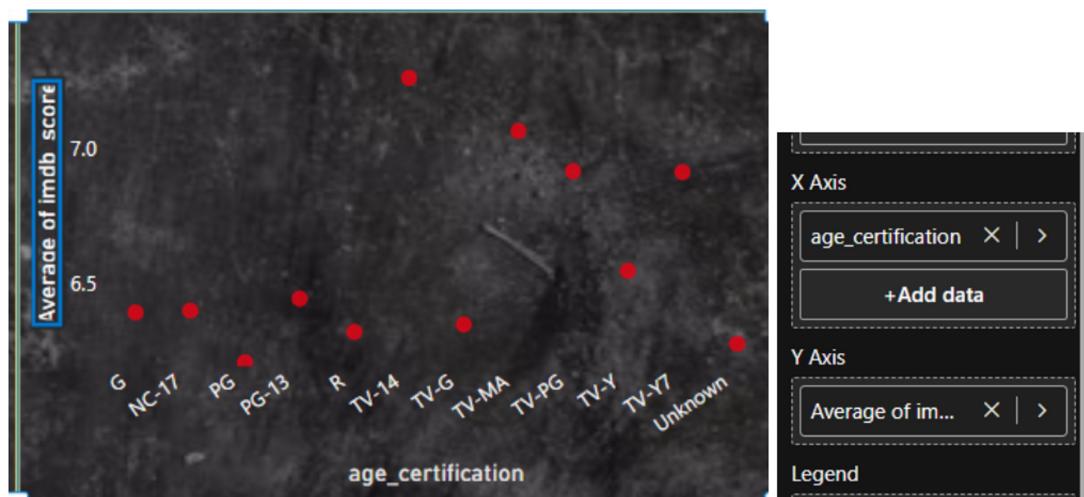
Have more people started voting for movies/shows on IMDB over the last 50 yrs?



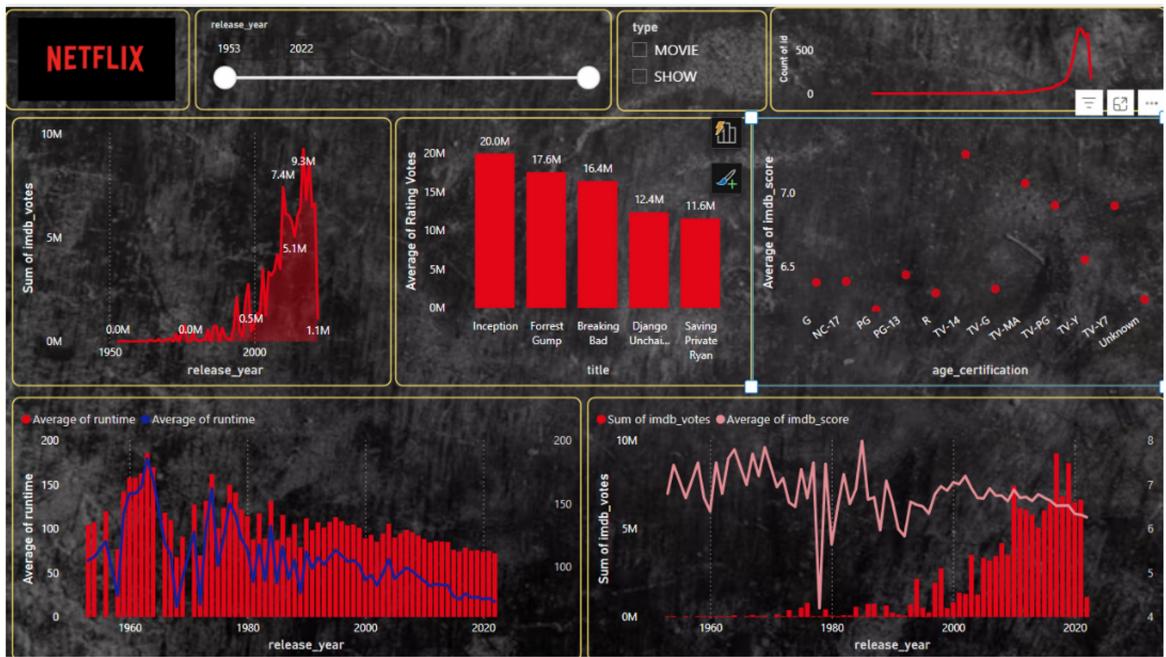
- On average, how has the runtime changed over the last 50 years?



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



Final Dashboard



The screenshot shows the Power BI interface with the following elements:

- Ribbon Menu:** Home, Insert, Modeling, View, Optimize, Help, Format, Data / Drill, Table tools, Column tools.
- Clipboard:** Cut, Copy, Format painter, Clipboard.
- Data Sources:** Get data, Excel, OneLake, Server, Enter data, Recent sources, Data.
- Transform Data:** Transform data, Refresh data, Queries.
- Visual Tools:** New visual, Insert, Text box, More visuals, New visual calculation, measure measure, Quick Calculations, Sensitivity, Share.
- Dashboard:** Netflix Dashboard, Data updated 11/04/25.
- Navigation:** Home, Create, Browse, OneLake, Apps, Metrics, Monitor, Learn, Workspaces, My workspace, Netflix Dashboard.
- File Options:** File, Export, Share, Explore, Subscribe, Set alert, Edit, ...
- Copilot:** Copilot icon.