

Introduction to Data Management Project Report

(August – December 2021)

PROJECT REPORT

ON

Analysing Movies On Netflix, Prime, Hulu, Disney+

Submitted by

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Course Code : INT217

Discipline of CSE/IT

Lovely School of Computer Science and engineering

Lovely Professional University , Phagwara



LOVELY
PROFESSIONAL
UNIVERSITY

DECLARATION

I, **YS Pavan Kumar** , student of Computer Science & Engineering under CSE/IT Discipline at, Lovely Professional University, Punjab, hereby declare that all the information furnished in this project report is based on my own intensive work and is genuine

Name of the student : **YS Pavan Kumar**

Registration number : **11901777**

ACKNOWLEDGEMENT

Firstly , I Would like to take this opportunity to express my gratitude towards my mentor for the subject INT217 Ms. Komal Arora and Lovely Professional University for the constant support and guidance throughout.

I Would also like to thank my friends and class mates for the constant support which motivated me to complete the project in due time

YS Pavan Kumar

CONTENTS

<u>S.No</u>	<u>Title</u>	<u>Page No.</u>
1	Introduction	5
2	objectives	6
3	source	7
4	Data set	9
5	ETL Process	10
6	Data Analysis	17
7	Dash Board	27
8	Bibliography	29

INTRODUCTION

- Data Management is a set of disciplines and techniques used to process, store, organize and analyse the data
- Data analysis is a process of inspecting, cleansing, transforming and modelling data with the goal of discovering useful information, informing conclusions and supporting decision making
- Data management can increase the visibility of your organization's data Assets making it easier for people to quickly and confidently find the right data for their analysis. Data visibility allows your company to be more organized and productive, allowing employees to find the data they need to better do their jobs.
- This project is based on such data analysis on Movies in Netflix, prime, Hulu, Disney+
- Data Analysis Consists of the following phases :
 - Data Requirement Gathering
 - Data Collection
 - Data Cleaning
 - Data Analysis
 - Data Interpretation
 - Data visualization
- Netflix, Prime, Hulu, Disney+ are online streaming platforms for movies , web series and different programmes
- This data set contains 12 fields

OBJECTIVES

After analysis of the data set the aim of this project is to give answer of given objectives

Objectives

- Number of movies released in each year
- Top 10 rated movies according to IMDB
- Number of Movies released per country
- Targeted age group of movies
- Top 10 Rated Movies according to Rotten tomatoes
- Longest Run Time Movies
- Number of movies released in Netflix, Hulu, Prime, Disney+

Source

Source of Data Set : <https://www.kaggle.com/ruchi798/movies-on-netflix-prime-video-hulu-and-disney>

Kaggle :

Kaggle is an Airbnb for Data Scientists – this is where they spend their nights and weekends. It's a crowd-sourced platform to attract, nurture, train, and challenge data scientists from all around the world to solve data science, machine learning and predictive analytics problems. It has over 536,000 active members from 194 countries, and it receives close to 150,000 submissions per month. Started from Melbourne, Australia Kaggle moved to Silicon Valley in 2011, raised some 11 million dollars, then ultimately been acquired by the Google in March of 2017. Kaggle is the number one stop for data science enthusiasts all around the world who compete for prizes and boost their Kaggle rankings. There are only 94 Kaggle Grandmasters in the world to this date. Kaggle enables data scientists and other developers to engage in running machine learning contests, write and share code, and to host datasets. The types of data science problems posted on Kaggle can be anything from attempting to predict cancer occurrence by examining patient records to analyzing sentiment to evoke by movie reviews and how this affects audience reaction. Different sources post projects on this trailblazing platform. While some are just for educational purposes and fun brain exercises, others are genuine issues that companies are trying to solve. Kaggle the environment competitive by awarding prizes and rankings for winners and participants. The prizes are not only monetary but can also include attractive rewards such as jobs or free products

from the company hosting the competition. Interesting and challenging projects where contributors can Competitions involve solving challenging and interesting problems. Companies post projects to numerous contributors. It is especially a great place for beginners who are just trying to break into the data science field. Aside from the competitions that are open to the general public, Kaggle also has private competitions which are only open to top rated participants (Kaggle Masters). Insightful discussions with Industry leaders and learned experts apart from the projects, Kaggle also consists of live discussions between numerous people on the platform. Such forums are very interesting, stimulating, and informative. Through these discussions, you can either seek advice from others or offer advice to people who are dealing with issues you understand. Kaggle offers its audience a chance to get into the biggest data science community in the world. This platform is trusted by some of the largest data science companies of the world such as Walmart, Facebook, and Winton Capital. On Kaggle, data scientists get exposure and a chance to work on problems faced by big companies in real-time. While it is not a guarantee, there is always the chance that the company will be impressed enough to recruit.

The host of the competition is in-charge of preparing the data and preparing a detailed description of the problem at hand. To make it more convenient for hosts, Kaggle offers an additional consulting service that can help prepare data and describe the problem in the best possible format.

Data Set :

AutoSave MoviesOnStreamingPlatforms_updated.xlsx

Search (Alt+Q)

pavan kumar

File Home Insert Draw Page Layout Formulas Data Review View Help Power Pivot

Comments Share

	A	B	C	D	E	F	G	H	I	J	K	L
ID			Year	Age	IMDb	Rotten Tomatoes	Netflix	Hulu	Prime Video	Disney+	Type	Directors
1												
2	1	The Irishman	2019	18+	7.8/10	98/100	1	0	0	0	0	Martin Scorsese
3	2	Dangal	2016	7+	8.4/10	97/100	1	0	0	0	0	Nitesh Tiwari
4	3	David Attenborough: A Life on Our Planet	2020	7+	9.0/10	95/100	1	0	0	0	0	Alastair Fothergill, Jonathan Hughes, K
5	4	Lagaan: Once Upon a Time in India	2001	7+	8.1/10	94/100	1	0	0	0	0	Ashutosh Gowariker
6	5	Roma	2018	18+	7.7/10	94/100	1	0	0	0	0	0
7	6	To All the Boys I've Loved Before	2018	13+	7.1/10	94/100	1	0	0	0	0	Susan Johnson
8	7	The Social Dilemma	2020	13+	7.6/10	93/100	1	0	0	0	0	Jeff Orlowski
9	8	Okja	2017	13+	7.3/10	92/100	1	0	0	0	0	Bong Joon Ho
10	9	The Ballad of Buster Scruggs	2018	16+	7.3/10	92/100	1	0	0	0	0	Ethan Coen, Joel Coen
11	10	The Trial of the Chicago 7	2020	18+	7.8/10	92/100	1	0	0	0	0	Aaron Sorkin
12	11	Article 15	2019	18+	8.2/10	92/100	1	0	0	0	0	Anubhav Sinha
13	12	Jim & Andy: The Great Beyond- Featuring a Very Special, Contractually Obligated Mention of Tony Clifton	2017	18+	7.7/10	92/100	1	0	0	0	0	Chris Smith
14	13	Dolemite Is My Name	2019	18+	7.3/10	92/100	1	0	0	0	0	Craig Brewer
15	14	Mudbound	2017	18+	7.4/10	91/100	1	0	0	0	0	Dee Rees
16	15	Swades	2004	all	8.2/10	91/100	1	0	0	0	0	Ashutosh Gowariker
17	16	Fyre	2019	18+	7.2/10	91/100	1	0	0	0	0	Chris Smith
18	17	Miss Americana	2020	18+	7.4/10	90/100	1	0	0	0	0	Lana Wilson
19	18	Virunga	2014	16+	8.2/10	90/100	1	0	0	0	0	Orlando von Einsiedel
20	19	Black Friday	2004	18+	8.5/10	90/100	1	0	0	0	0	Anurag Kashyap
21	20	Talvar	2015	7+	8.2/10	90/100	1	0	0	0	0	Meghna Gulzar
22	21	The King	2019	18+	7.2/10	90/100	1	0	0	0	0	David Michrød
23	22	John Mulaney: Kid Gorgeous at Radio City	2018	18+	8.0/10	89/100	1	0	0	0	0	Alex Timbers
24	23	I Am Mother	2019	13+	6.7/10	89/100	1	0	0	0	0	Grant Sputore
25	24	Tell Me Who I Am	2019	18+	7.6/10	89/100	1	0	0	0	0	0
26	25	The Departed	2006	18+	8.5/10	89/100	1	0	0	0	0	Martin Scorsese
27	26	Winter on Fire: Ukraine's Fight for Freedom	2015	16+	8.4/10	89/100	1	0	0	0	0	Evgeny Afineevsky
28	27	Terminator 2: Judgment Day	1991	18+	8.5/10	89/100	1	0	0	0	0	James Cameron
29	28	I Lost My Body	2019	18+	7.6/10	89/100	1	0	0	0	0	Jācobs Ojārs Klāvis
30	29	Django Unchained	2012	18+	8.4/10	89/100	1	0	0	0	0	Quentin Tarantino
31	30	The Half of It	2020	13+	6.9/10	89/100	1	0	0	0	0	Alice Wu
32	31	The Boy Who Harnessed the Wind	2019	7+	7.6/10	89/100	1	0	0	0	0	Chivette Ejiofor
33	32	The Devil All the Time	2020	18+	7.1/10	89/100	1	0	0	0	0	Antonio Campos
34	33	The Fundamentals of Caring	2016	18+	7.3/10	89/100	1	0	0	0	0	Rob Burnett
35	34	Pieces of a Woman	2020	18+	7.1/10	88/100	1	0	0	0	0	Kornel Mundrucă

MoviesOnStreamingPlatforms_upda

Ready

ENG IN 17:22 09-12-2021

Steps taken to clean dataset thorough ETL process

- 1) Open blank excel file go to data tab and select get data and select from text/csv and extract the data

The screenshot displays the Power Query Editor interface. The main area shows a table with the following columns: **Year**, **Age**, **IMDb**, **Rotten Tomatoes**, **Netflix**, **Hulu**, and **Prime Video**. The data is organized into rows, with the first row being a header row. The table is titled "Table.TransformColumnTypes(#\"Promoted Headers\",{{\"ID\", Int64.Type}, {\"Title\", type any}, {\"Year\", Int64.Type}, {\"Age\", type text}, {\"IMDb\", type any}})".

The right-hand pane shows the **Query Settings** for the query named "MoviesOnStreamingPlatforms_update". The **APPLIED STEPS** list includes: **Source**, **Navigation**, **Promoted Headers**, and **Changed Type**.

	Year	Age	IMDb	Rotten Tomatoes	Netflix	Hulu	Prime Video
1	2019	18+	7.8/10	98/100		1	0
2	2016	7+	8.4/10	97/100		1	0
3	2020	7+	9.0/10	95/100		1	0
4	2001	7+	8.1/10	94/100		1	0
5	2018	18+	7.7/10	94/100		1	0
6	2018	13+	7.1/10	94/100		1	0
7	2020	13+	7.6/10	93/100		1	0
8	2017	13+	7.3/10	92/100		1	0
9	2018	16+	7.3/10	92/100		1	0
10	2020	18+	7.8/10	92/100		1	0
11	2019	18+	8.2/10	92/100		1	0
12	2017	18+	7.7/10	92/100		1	0
13	2019	18+	7.3/10	92/100		1	0
14	2017	18+	7.4/10	91/100		1	0
15	2004	all	8.2/10	91/100		1	0
16	2019	18+	7.2/10	91/100		1	0
17	2020	18+	7.4/10	90/100		1	0
18	2014	16+	8.2/10	90/100		1	0
19	2004	18+	8.5/10	90/100		1	0
20	2015	7+	8.2/10	90/100		1	0
21	2019	18+	7.2/10	90/100		1	0
22	2018	18+	8.0/10	89/100		1	0
23	2019	13+	6.7/10	89/100		1	0
24	2019	18+	7.6/10	89/100		1	0
25	2006	18+	8.5/10	89/100		1	0
26	2015	16+	8.4/10	89/100		1	0
27	1991	18+	8.5/10	89/100		1	0
28							

Step2 :

Data fields promote into header

Power Query Editor: MoviesOnStreamingPlatforms_update

Formula Bar: `= Table.TransformColumnTypes(*Promoted Headers*,{"[\"ID\", Int64.Type], [\"Title\", type any], [\"Year\", Int64.Type], [\"Age\", type text], [\"IMDb\",`

	Age	IMDb	Rotten Tomatoes	Netflix	Hulu	Prime Video
1	2019 18+	7.8/10	95/100	1	0	C
2	2016 7+	8.4/10	97/100	1	0	C
3	2020 7+	9.0/10	95/100	1	0	C
4	2001 7+	8.1/10	94/100	1	0	C
5	2018 18+	7.7/10	94/100	1	0	C
6	2018 13+	7.1/10	94/100	1	0	C
7	2020 13+	7.6/10	93/100	1	0	C
8	2017 13+	7.3/10	92/100	1	0	C
9	2018 16+	7.3/10	92/100	1	0	C
10	2020 18+	7.8/10	92/100	1	0	C
11	2019 18+	8.2/10	92/100	1	0	C
12	2017 18+	7.7/10	92/100	1	0	C
13	2019 18+	7.3/10	92/100	1	0	C
14	2017 18+	7.4/10	91/100	1	0	C
15	2004 all	8.2/10	91/100	1	0	C
16	2019 18+	7.2/10	91/100	1	0	C
17	2020 18+	7.4/10	90/100	1	0	C
18	2014 16+	8.2/10	90/100	1	0	C
19	2004 18+	8.5/10	90/100	1	0	C
20	2015 7+	8.2/10	90/100	1	0	C
21	2019 18+	7.2/10	90/100	1	0	C
22	2018 18+	8.0/10	89/100	1	0	C
23	2019 13+	6.7/10	89/100	1	0	C
24	2019 18+	7.6/10	89/100	1	0	C
25	2006 18+	8.5/10	89/100	1	0	C
26	2015 16+	8.4/10	89/100	1	0	C
27	1991 18+	8.5/10	89/100	1	0	C
28						

Query Settings: Properties (Name: MoviesOnStreamingPlatforms_update), Applied Steps (Source, Navigation, Promoted Headers, Changed Type).

Step 3 :

Remove columns which are not required for the analysis

The columns here removed are :

- Language
- Genres
- Directors

The screenshot shows the Power Query Editor interface. The ribbon at the top includes tabs for File, Home, Transform, Add Column, and View. The Transform tab is active, showing options like Remove Columns, Keep Rows, Split Column, and Group By. The main area displays a table with columns: Title, Year, Age, IMDb, Rotten Tomatoes, and Netfil. The formula bar shows the query name 'Table.RemoveColumns(#'Changed Type2',{"Language", "Genres", "ID", "Directors"})'. The right sidebar shows the 'Query Settings' pane with 'Name' set to 'MoviesOnStreamingPlatforms_upda' and 'Applied Steps' listed.

AS	123	Title	Year	Age	IMDb	Rotten Tomatoes	Netfil
1		The Irishman	2019	18+	7.8	98	
2		Dangal	2016	7+	8.4	97	
3		David Attenborough: A Life on Our Planet	2020	7+	9	95	
4		Lagaan: Once Upon a Time in India	2001	7+	8.1	94	
5		Roma	2018	18+	7.7	94	
6		To All the Boys I've Loved Before	2018	13+	7.1	94	
7		The Social Dilemma	2020	13+	7.6	93	
8		Okja	2017	13+	7.3	92	
9		The Ballad of Buster Scruggs	2018	16+	7.3	92	
10		The Trial of the Chicago 7	2020	18+	7.8	92	
11		Article 15	2019	18+	8.2	92	
12		Jim & Andy: The Great Beyond- Featuring a Very Special, Contractually...	2017	18+	7.7	92	
13		Dolemite Is My Name	2019	18+	7.3	92	
14		Mudbound	2017	18+	7.4	91	
15		Swades	2004	all	8.2	91	
16		Fyre	2019	18+	7.2	91	
17		Miss Americana	2020	18+	7.4	90	
18		Virunga	2014	16+	8.2	90	
19		Black Friday	2004	18+	8.5	90	
20		Talvar	2015	7+	8.2	90	
21		The King	2019	18+	7.2	90	
22		John Mulaney: Kid Gorgeous at Radio City	2018	18+	8	89	
23		I Am Mother	2019	13+	6.7	89	
24		Tell Me Who I Am	2019	18+	7.6	89	
25		The Departed	2006	18+	8.3	89	
26		Winter on Fire: Ukraine's Fight for Freedom	2015	16+	8.4	89	
27		Terminator 2: Judgment Day	1991	18+	8.5	89	
28							

Step 4:

Remove null values by right clicking on the column and there we can remove empty fields and sort accordingly

The screenshot displays the Power Query Editor interface. The main area shows a table with the following columns: Year, Age, IMDb, Rotten Tomatoes, Netflix, and Hulu. The 'Rotten Tomatoes' column is highlighted. The 'Query Settings' pane on the right shows the 'APPLIED STEPS' list, which includes 'Filtered Rows2' as the final step.

	Year	Age	IMDb	Rotten Tomatoes	Netflix	Hulu
1	2018	13+	6.6	83	1	1
2	2019	13+	6.7	79	1	1
3	1988	13+	3.8	56	0	1
4	2019	13+	6	76	1	1
5	2018	13+	7.6	80	1	1
6	2016	13+	2.1	32	1	1
7	2011	13+	7	78	1	1
8	2016	13+	4.7	50	0	1
9	2019	13+	7.5	71	1	1
10	2017	13+	6.6	70	1	1
11	2020	13+	6.9	89	1	1
12	2018	13+	5.2	53	1	1
13	2017	13+	4.9	58	1	1
14	2004	13+	8.1	84	1	1
15	2016	13+	7.9	86	0	1
16	2014	13+	6	58	1	1
17	2012	13+	5.4	67	0	1
18	2016	13+	6.2	78	1	1
19	2007	13+	5.3	38	0	1
20	2010	13+	7.3	77	1	1
21	2006	13+	6.5	72	0	1
22	2020	13+	6.8	82	1	1
23	2008	13+	5.8	61	0	1
24	2009	13+	7.1	76	1	1
25	2007	13+	7.1	56	0	1
26	2018	13+	6.5	69	1	1
27	2017	13+	7.6	68	1	1

Step 5 :

Changed data types like rotten tomatoes are converted from text

The screenshot displays the Power Query Editor interface. The main area shows a table with the following columns: Year, Age, IMDb, Rotten Tomatoes, Netflix, and Hulu. The Rotten Tomatoes column is highlighted in green, indicating it has been converted from text to a numeric data type. The Query Settings pane on the right shows the applied steps, including 'Filtered Rows2'.

	Year	Age	IMDb	Rotten Tomatoes	Netflix	Hulu
1	2018	13+	6.6	83	1	
2	2019	13+	6.7	79	1	
3	1988	13+	3.8	56	0	
4	2019	13+	6	76	1	
5	2018	13+	7.6	80	1	
6	2016	13+	2.1	32	1	
7	2011	13+	7	78	1	
8	2016	13+	4.7	50	0	
9	2019	13+	7.5	71	1	
10	2017	13+	6.6	70	1	
11	2020	13+	6.9	89	1	
12	2018	13+	5.2	53	1	
13	2017	13+	4.9	58	1	
14	2004	13+	8.1	84	1	
15	2016	13+	7.9	86	0	
16	2014	13+	6	58	1	
17	2012	13+	5.4	67	0	
18	2016	13+	6.2	78	1	
19	2007	13+	5.3	38	0	
20	2010	13+	7.3	77	1	
21	2006	13+	6.5	72	0	
22	2019	13+	6.8	87	1	

Query Settings

PROPERTIES

Name: MoviesOnStreamingPlatforms_update

APPLIED STEPS

- Source
- Navigation
- Promoted Headers
- Changed Type
- Replaced Value
- Changed Type1
- Replaced Value1
- Changed Type2
- Removed Columns
- Sorted Rows
- Filtered Rows
- Filtered Rows1
- Filtered Rows2

Step 6 :

Now Close and load data in to excel

AutoSaveOffBook1 - Excel

Search (Alt+=Q)

avan kumar

FileHomeInsertDrawPage LayoutFormulasDataReviewViewHelpPower PivotTable DesignQuery

CommentsShare

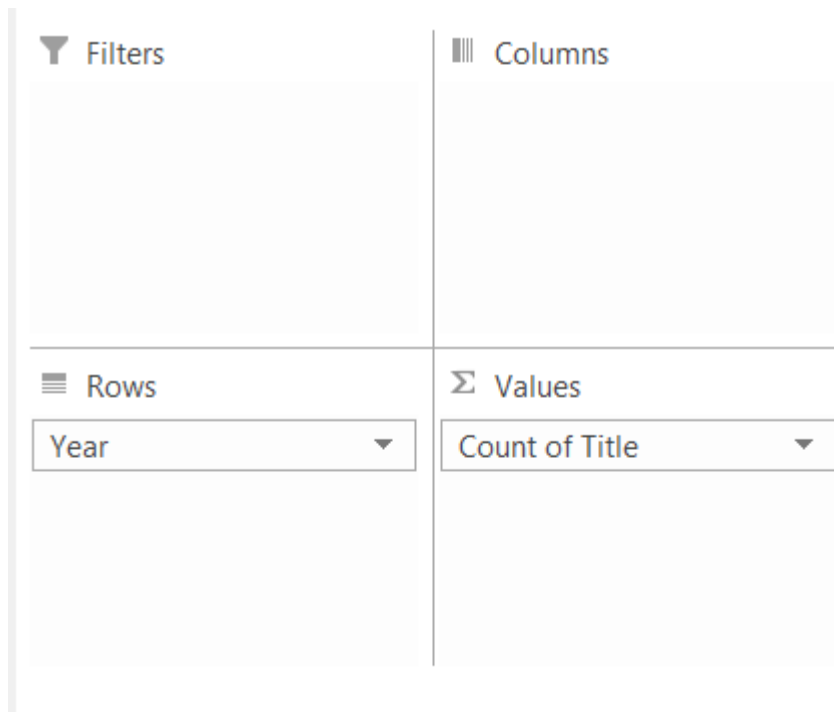
L9

</

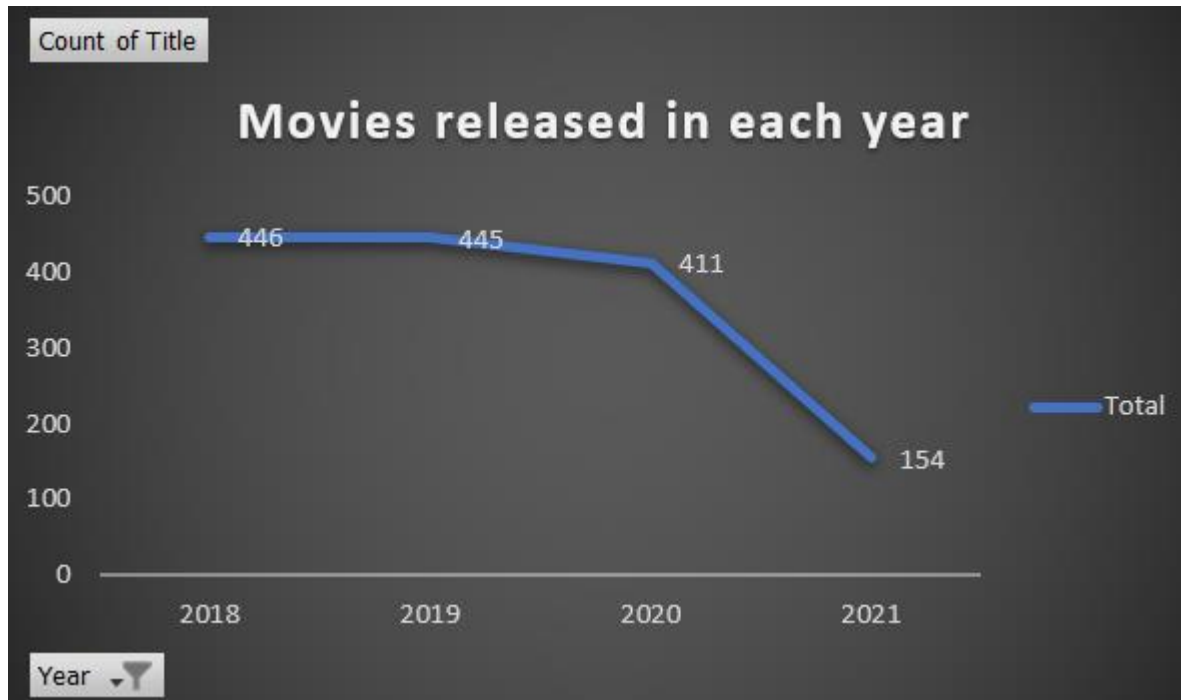
Data Analysis

1) Number of Movies released in each year

- firstly pivot table is created by clicking on insert tab in excel and select pivot table and then drag Years in to rows and darg titles to the values field so that it becomes count of the titles



If we compare number of movies released in each year lets take 4 years that is 2018, 2019, 2020, 2021 using line chart the graph looks like this



2) Targeted age group

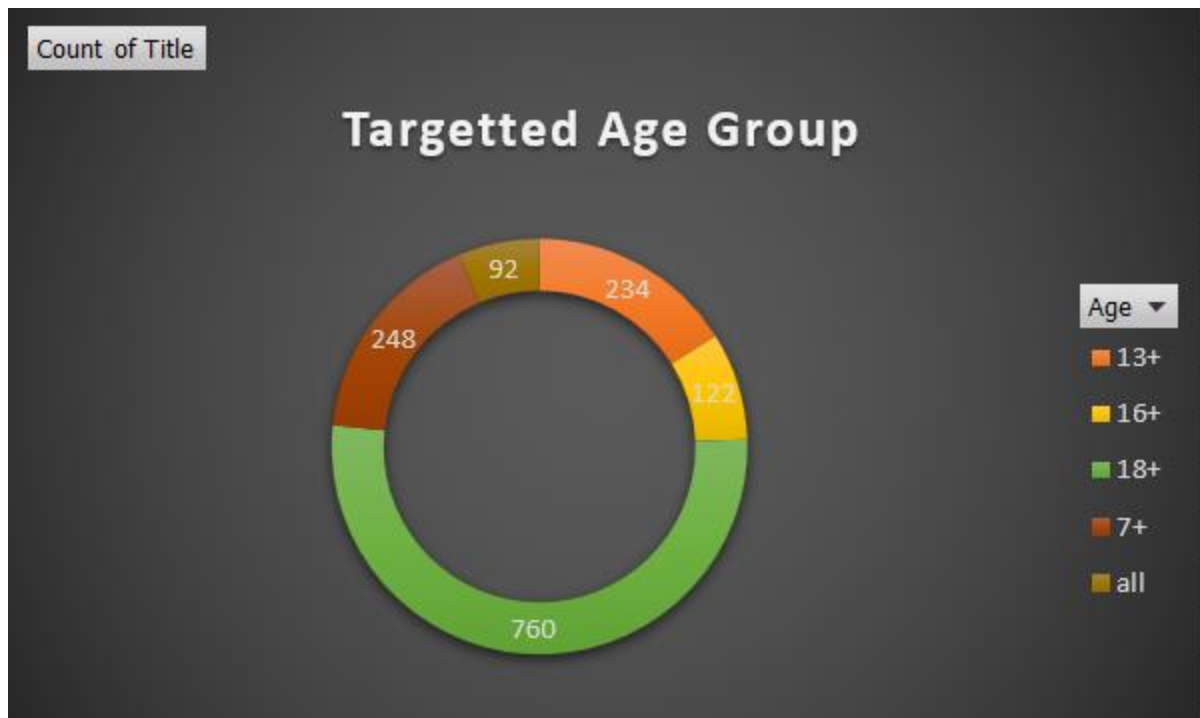
In the pivot table Age column is dragged in to rows and count of titles in Values

Drag fields between areas below:

<p>Filters</p>	<p>Columns</p>
<p>Rows</p> <p>Age</p>	<p>Values</p> <p>Count of Title</p>

Row Labels	Count of Title
13+	234
16+	122
18+	760
7+	248
all	92
Grand Total	1456

Plotting this in pie chart looks like this



3) Number of movies released in Netflix, Hulu, prime, Disney+

Here sum of Netflix, Hulu, Prime, Disney+ are dropped in to values and year is dropped in to rows in pivot table field

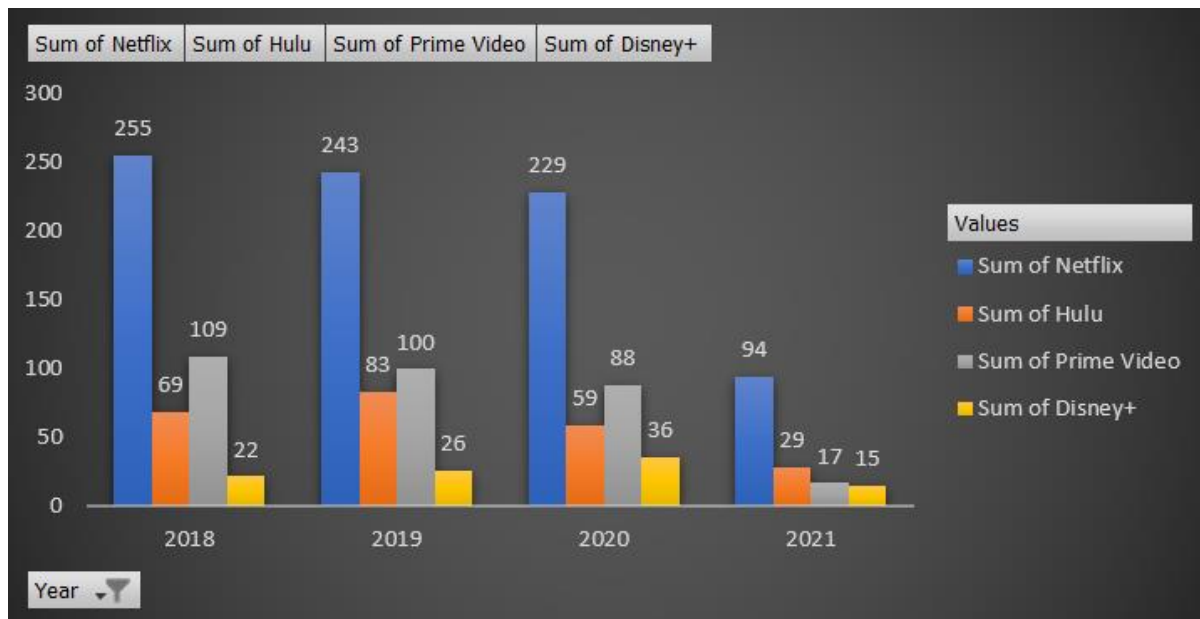
Drag fields between areas below:

<p>Filters</p>	<p>Columns</p> <p>Σ Values</p>
<p>Rows</p> <p>Year</p>	<p>Σ Values</p> <p>Sum of Netflix</p> <p>Sum of Hulu</p> <p>Sum of Prime Video</p> <p>Sum of Disney+</p>

Pivot table for this analysis for four years looks like this

Row Labels	Sum of Netflix	Sum of Hulu	Sum of Prime Video	Sum of Disney+
2018	255	69	109	22
2019	243	83	100	26
2020	229	59	88	36
2021	94	29	17	15
Grand Total	821	240	314	99

And column chart for this analysis looks like this



4) Number of movies released per each country

Here for this analysis countries is dropped into rows and count of the titles is dropped in to values

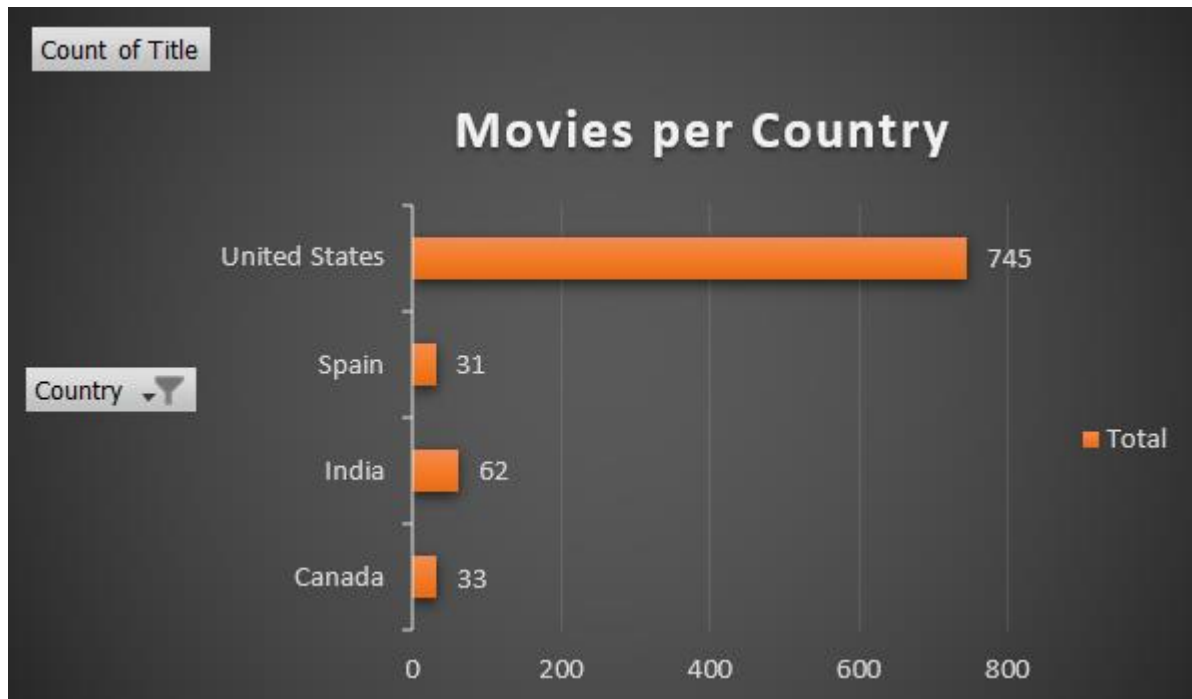
Drag fields between areas below:

Filters	Columns
<div> <div>Rows</div> <div>Country ▼</div> </div>	<div> <div>Values</div> <div>Count of Title ▼</div> </div>

Pivot table for four countries that India, United States, Canada, Spain looks like this

Row Labels ▼	Count of Title
Canada	33
India	62
Spain	31
United States	745
Grand Total	871

Bar chart for this countries India, Spain, United States and Canada looks like this



5) Top 10 Movies According to IMDB

Titles are dropped in to rows and Sum of IMDB ratings are dropped in to values

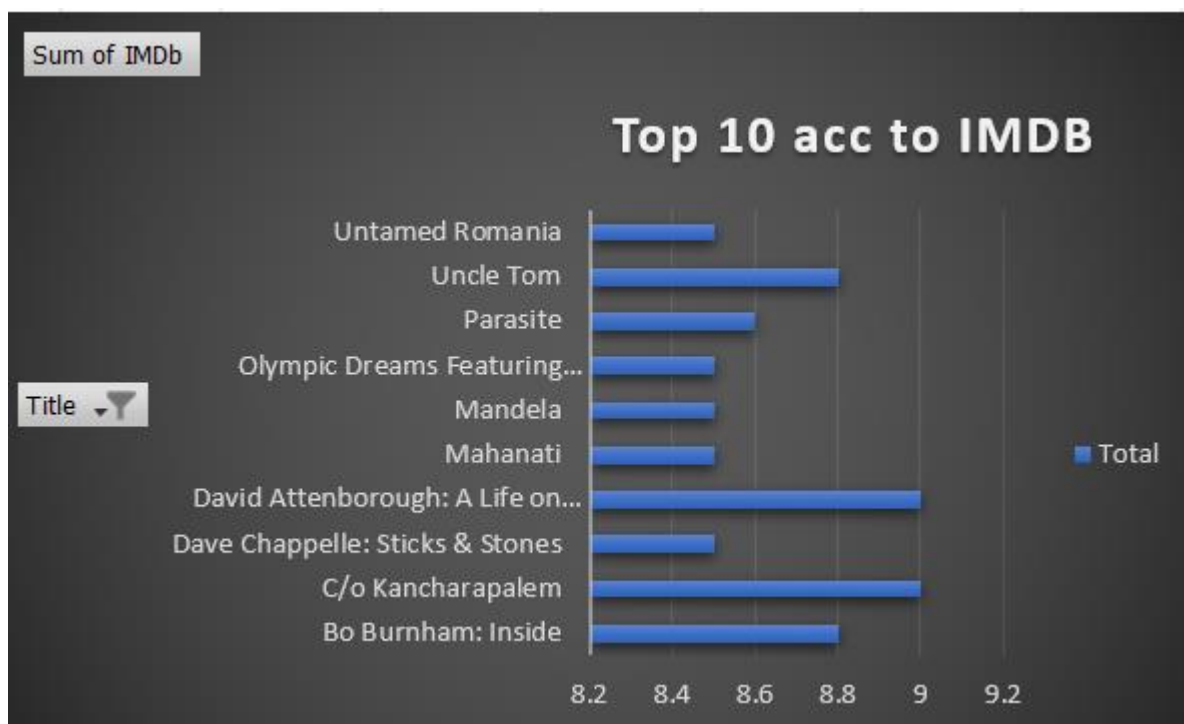
Drag fields between areas below:

Filters	Columns
<div>Rows</div> <div>Title</div>	<div>Values</div> <div>Sum of IMDB</div>

In the row labels value filter is applied so that movies according to IMDB and pivot table looks like this

Row Labels	Sum of IMDB
Bo Burnham: Inside	8.8
C/o Kancharapalem	9
Dave Chappelle: Sticks & Stones	8.5
David Attenborough: A Life on Our Planet	9
Mahanati	8.5
Mandela	8.5
Olympic Dreams Featuring Jonas Brothers	8.5
Parasite	8.6
Uncle Tom	8.8
Untamed Romania	8.5
Grand Total	86.7

Top 10 Movies in Bar chart



6) Top 10 Movies According To Rotten Tomatoes

Titles are dropped in to rows and Sum of Rotten Tomatoes ratings are dropped in to values

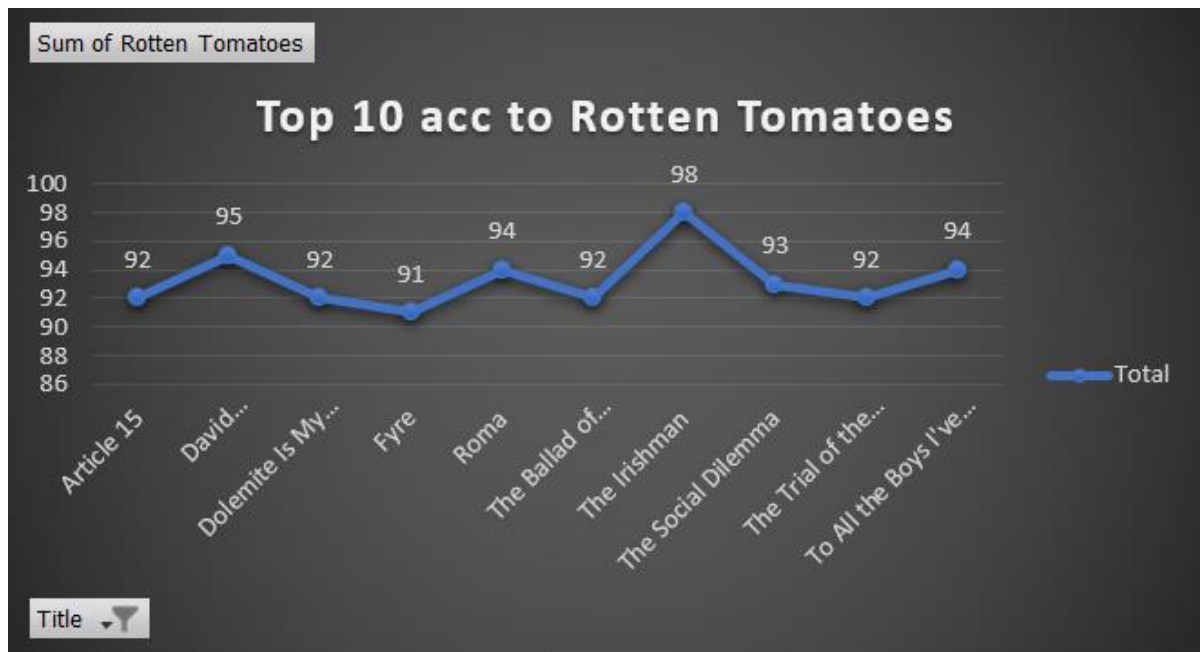
Drag fields between areas below:

Filters	Columns
<div>Rows</div> <div>Title ▼</div>	<div>Values</div> <div>Sum of Rotten Tomato... ▼</div>

In the row labels value filter is applied so that top 10 movies according to Rotten Tomatoes and pivot table looks like this

Row Labels	Sum of Rotten Tomatoes
Article 15	92
David Attenborough: A Life on Our Planet	95
Dolemite Is My Name	92
Fyre	91
Roma	94
The Ballad of Buster Scruggs	92
The Irishman	98
The Social Dilemma	93
The Trial of the Chicago 7	92
To All the Boys I've Loved Before	94
Grand Total	933

Top 10 Movies According to Rotten Tomatoes Line chart



7) Longest Run Time Movies

For this analysis Titles are dropped in to rows and sum of Run time is dropped in to values

Drag fields between areas below:

Filters

Columns

Rows

Title

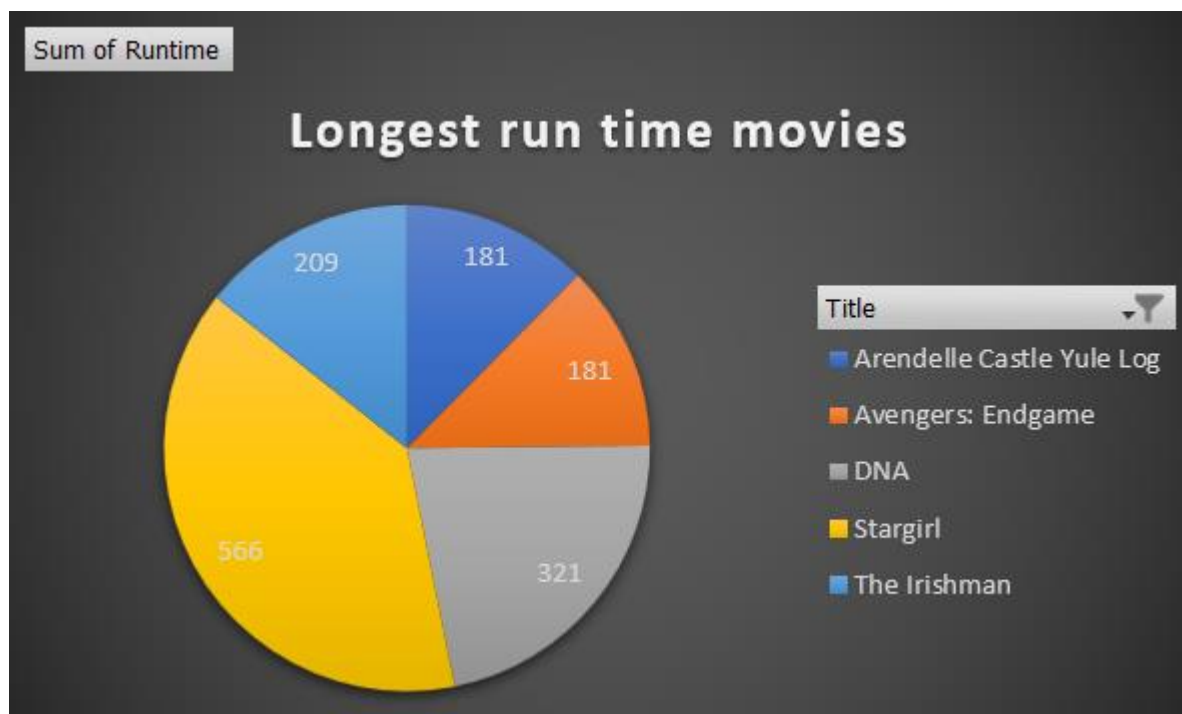
Values

Sum of Runtime

In the row labels value filter is applied so that top 5 movies With the longest run time in pivot table looks like this

Row Labels	Sum of Runtime
Arendelle Castle Yule Log	181
Avengers: Endgame	181
DNA	321
Stargirl	566
The Irishman	209
Grand Total	1458

When Pie Chart used For Analysis To find top 5 movies with Longest Run time looks like this



Dashboard :

Firstly in the page layout tab view gridlines box is un checked so that grid lines will get disappeared

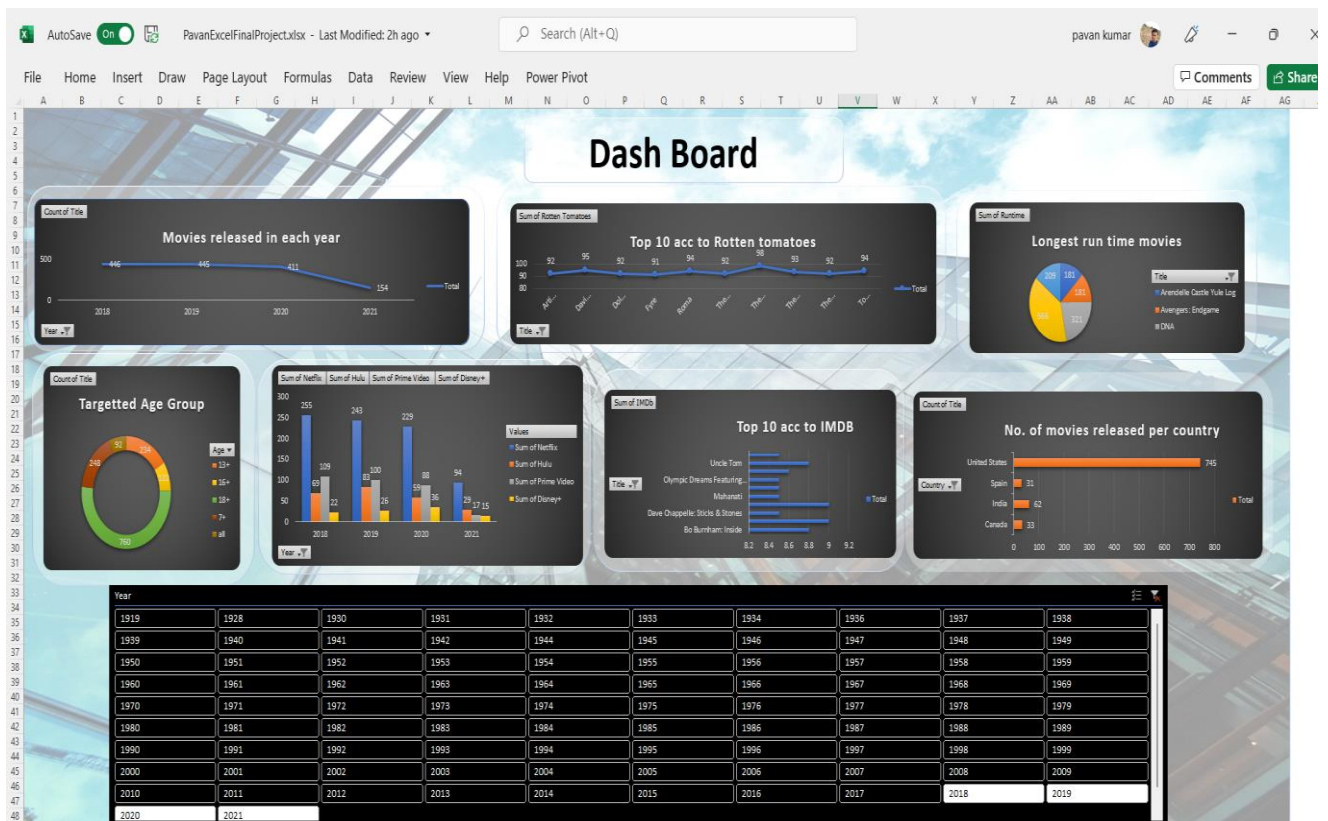
Secondly in the illustrations the rectangle shape is drawn and from the page layout background image is added and transparency set accordingly and adjusted the image

Thirdly for all the 7 charts the 7 rectangular shapes with rounded edges are drawn with adjusted transparency and No line is selected so that the out line will not get appear so that the shapes looks more clean

Charts from all the other sheets copied and pasted in the shapes

Lastly by clicking on any graph slicer is included and then in the slicer tab in report connectivity tab and check for all the pivot tables so that all the charts of all the pivot tables are connected to one slicer and for the slicer design first create a duplicate theme in any of the theme and then after creating duplicate right click on that theme and all the settings were modified

Image of the Final Dash Board



BIBLIOGRAPHY

Source of Data Set : <https://www.kaggle.com/ruchi798/movies-on-netflix-prime-video-hulu-and-disney>

Data Management : <https://support.microsoft.com/en-us/office/using-access-or-excel-to-manage-your-data-09576147-47d1-4c6f-9312-e825227fcaea>

THE END