NETFLIX

Comprehensive Analysis of Netflix Movies and TV Shows

This presentation delves into a detailed analysis of Netflix's extensive dataset, focusing on various aspects such as content distribution, user ratings, and emerging trends. Using SQL, we address 15 pivotal business questions, offering valuable insights that can guide future content strategy and decision-making on the platform.



Mohammad Atiur

Analyzing Netflix Dataset Trends and Insights

Exploring the Importance of Content Trends and Analysis Methodologies







Overview of the Netflix dataset

A comprehensive collection of data on Netflix's diverse content offerings.

Significance of content trends

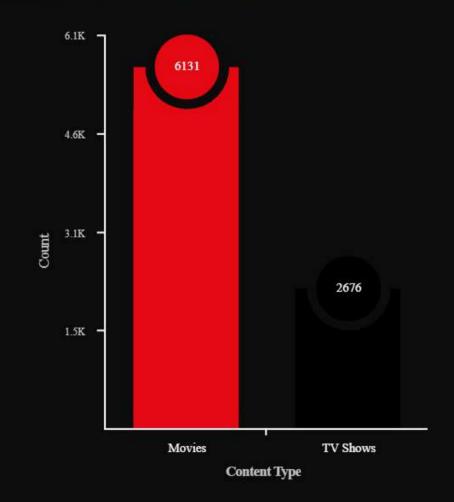
Understanding trends helps in content strategy and audience engagement.

Analysis process using SQL

SQL enables efficient querying and insights extraction from large datasets.

Comparative Analysis of Movies and TV Shows on Netflix

Understanding the distribution of content types on the platform



Netflix Content Library

Analysis of the Most Common Ratings for Movies and TV Shows

Exploring the prevalent ratings and their implications for content strategy



Most Common Rating Identified:

TV-MA is the most frequently assigned rating for both Movies and

Count

Count "TV-MA" Ratings for Movies and TV Shows:

MOVIES TV Shows 2062 1145



Movies Released in 2020:

Exploring the diversity of films released in 2020

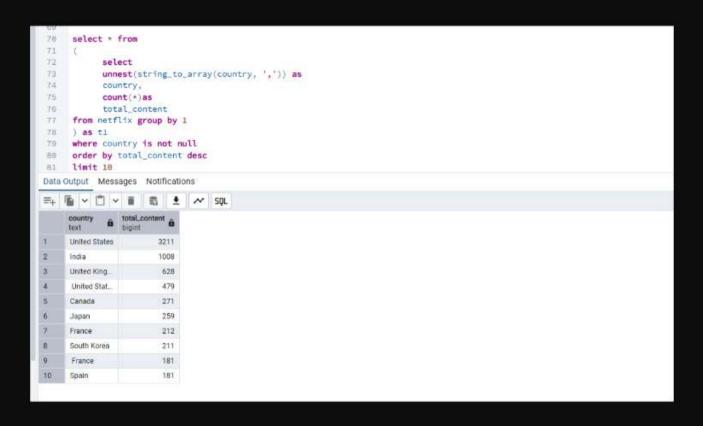
--3. List All Movies Released in a Specific Year (e.g. 2020)

select *from netflix where release_year =2020

	show_id character varying (6) &	type character varying (10) &	other other serving (150)	6 director character varying (200)
1	s1	Movie	Dick Johnson is Dead	Kirsten Johnson
2	s17	Movie	Europe's Most Dangerous Man. Otto Skorzeny in Spain	Pedro de Echave Sarcia, Pablo Azorin Williams
3	s18	TV Show	Faisa identidad	[nutt]
4	£33	TV Show	Sex Education	[mult]
5	s35	TV Show	Tayo and Little Wizards	[mit]
6	848	TV Show	The Smart Money Woman	Bunmi Ajakalye
7	179	Moste	Tughlaq Durbar	Delhiprasad Deenadayalan
8	s85	Movie	Omo Ghetto: the Saga	JJC Skillz, Funke Akindele
9	1104	Movie	Shadow Parties	Yemi Amodu
10	s120	Movie:	Here and There	JP Hebec
33	8127	Movie	Shikara	Vidhu Vinod Chopra
12	s149	TV Show	HQ Barbers	Gerhard Mostert
13	s190	TV Show	Bread Barbershop	[nut]
14	N228	Movie	Really Love	Angel Kristi Williams
15	6230	Movie	The Old Ways	Christopher Alender
16	£251	Mayle	A Faraway Land	Veronica Velasco
37	±257	Movie	Nneka The Pretty Serpent	Tosin lytia
10	s259	Movie	Out of my league	Alice Filippi
19	s261	TV Show	The Defeated	[mat]
20	s267	TV Show	The Creative Indians	(nutl)
21	s269	Movie	Unroyal	Moses Inwang
22	6283	Movie	La diosa del asfalto	Julian Hemandez
23	8295	Movie	Takizawa Kabuki ZERO 2020 The Movie	Hideaki Takizawa
34	£299	Movie	Quart's Money	Kayode Kasum
25	s325	TV Show	44 Cats	[mill]
26	s332	TV Straw	Darwin's Game	[mult]
27	836B	Movie	7m Glad I Did	Seiguk Metin
28	£302	TV Show	Wynonna Earp	[mati]
29	5430	Movie	Sanitation Day	Seyr Babatope

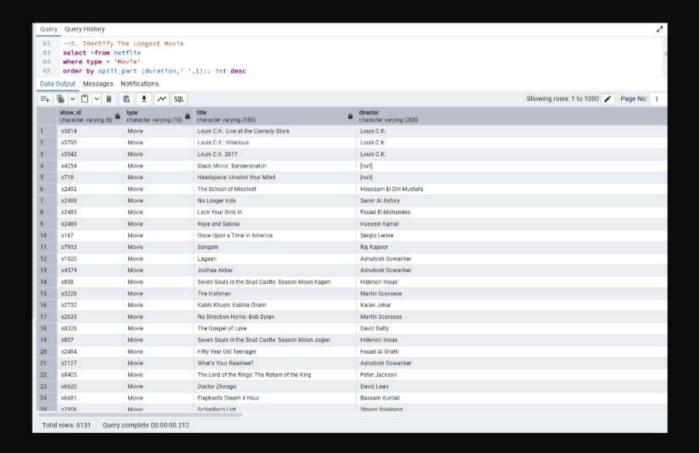
Top 10 Countries with Most Netflix Content

Analyzing Netflix's vast library across nations



Identify The Longest Movie

Exploring the longest movie's on Netflix.



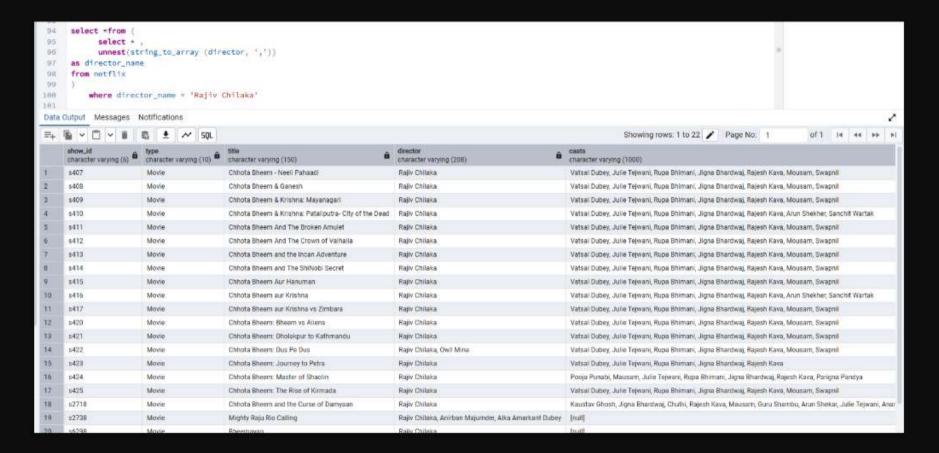
Content Added in the last 5 year

As you Can see 2303 content added in the last 5 year including Movies and TV Shows.

87 88 89	88 89 select *from metflix							
90 where to_date(date_added, 'Month DD, YYYY') >= current_date - Interval '5 years'								
Data	Output Messages N	lotifications						
₽+		5 ± ~ 5QL			Showing rows: 1 to 1000 🥕 Page No:			
	show_id character varying (b) &	type character varying (10) &	site character varying (150)	director character varying (208)				
1	51	Movie	Dick Johnson to Dead	Kirsten Johnson				
2	82	TV Show	Blood & Water	[nut]				
3	s3	TV Show	Ganglands	Julien Leclercq				
4	84	TV Show	Jailbirds New Orleans	[null]				
5	s5	TV Show	Kota Factory	[hut]				
5	55	TV Show	Midnight Mass	Mike Flanagan				
7	s7	Movie	My Little Fony: A New Generation	Robert Curlen, José Luis Ucha				
8	s8	Movie	Sankota	Haile Gerima				
9	89	TV Show	The Great British Baking Show	Andy Devonshire				
10	s10	Movie	The Starling	Theodore Melfi				
11	s11	TV Show	Veodetta: Truth, Lies and The Mafia	[hut]				
12	812	TV Show	Bangkok Breaking	Kongklat Komesirl				
13	s13	Movie	Je Suis Karl	Christian Schwochow				
14	114	Movie	Confessions of an Invisible Girl	Bruno Garotti				
15	sts	TV Show	Crime Stories: India Detectives	[nut]				
16	s16	TV Show	Dear White People	[nut]				
17	817	Movie	Europe's Most Dangerous Man: Otto Skorzeny in Spain	Pedro de Echeve Garcia, Pablo Azorin Williams				
18	s369	TV Show	Khawatir	[nut]				
19	s19	TV Show	Falsa identidad	[null]				
20	819	Moyle	Intrusion	Adam Salky				
21	s20	TV Show	Tougot	[nut]				
22	821	TV Show	Monsters Inside. The 24 Faces of Billy Milligan	Olivier Megaton				
23	827	TV Show	Resurrection: Ertugral	[mill]				
24	s23	Movie	Avvai Shanmuchi	K.S. Rayikumar				
Total	town 2202 Dumin	omnista 00:00:00:215	Metable and the second	WO HATTON -				

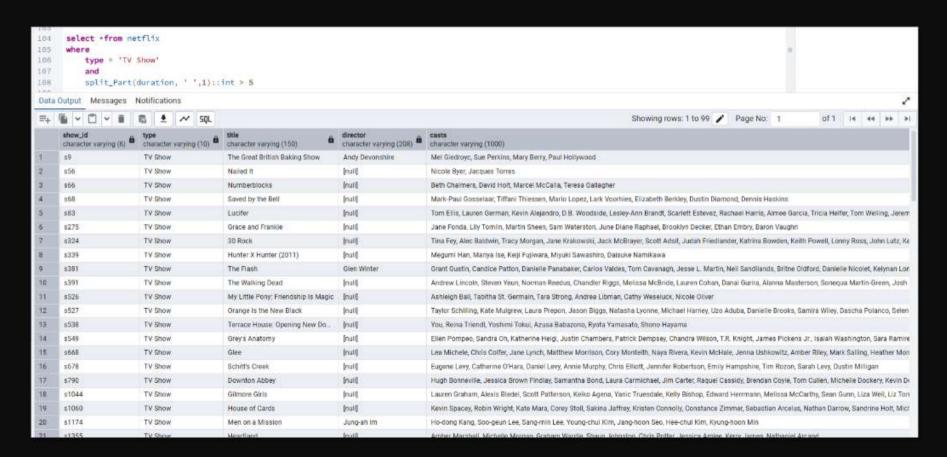
Movies and TV Shows Directed by Rajiv Chilaka

Exploring the creative works of Rajiv Chilaka in film and television .



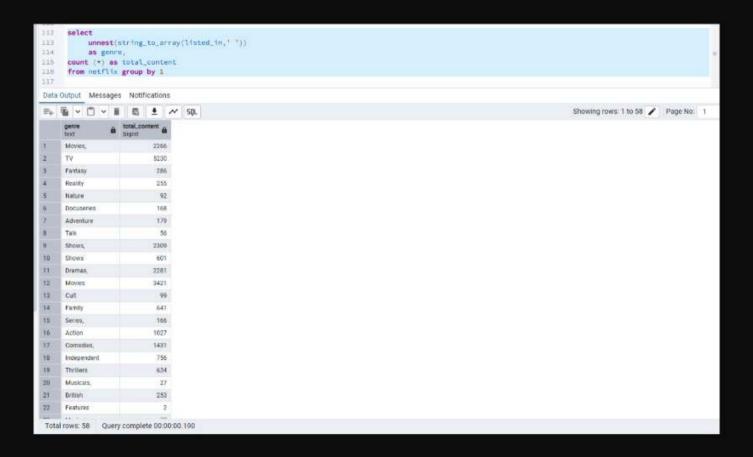
All TV Show With More Than 5 Seasons

Exploring long-running series that maintain high viewer engagement across multiple seasons.



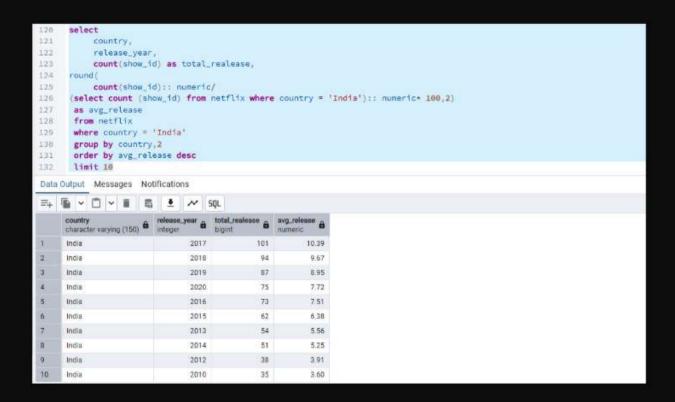
Count the Numbers of content items in each genre

Exploring the distribution of Netflix genres over time



Find each year and the avg number of content releases in India on Netflix

Analyzing Yearly Content Releases and Comparisons



List All Movies That are documentaries

An In-depth Analysis of Popular Documentaries .



Analysis of Content Without a Director on Netflix

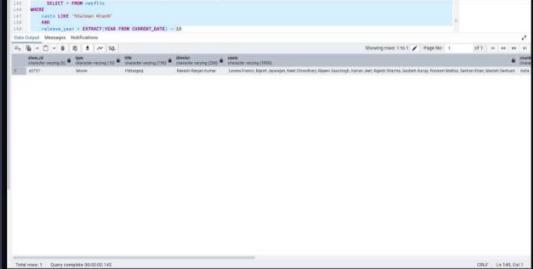
Exploring non-directed content items and their characteristics



Salman Khan's Filmography Over the Last Decade

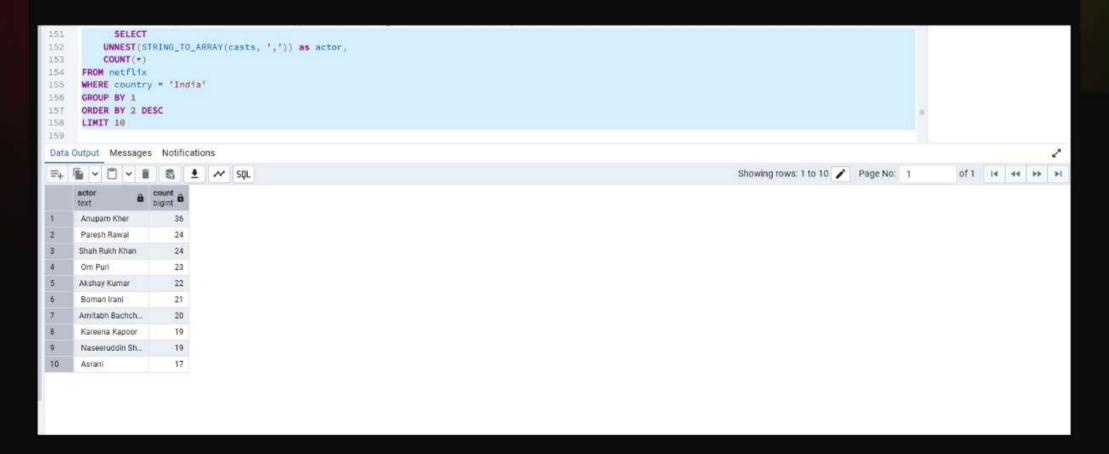
An analytical overview of Salman Khan's movies in the past 10 years





Top 10 Actors in Indian Movies

A detailed analysis of prolific Indian film actors



Analyzing Good and Bad Content in Netflix

Understanding the classification of content performance for strategic planning

251 Bad Movie

Contains keywords like "kill" or "violence".

Contains keywords like "kill" or "violence".

91 Bad TV Show

Marked due to violent or aggressive themes.

5,880 GG

Good Movie

No harmful keywords detected in description.

2,585

Good TV Show

Safe content without violent keywords.

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Conclusion & Final Insights

TV-MA is the most common rating, showing Netflix's focus on mature content. The U.S. leads in total content count, but India shows strong yearly growth. Long-running shows (5+ seasons) highlight content that retains viewer interest. Most movies and TV shows are rated as 'Good' based on content descriptions. A few entries lack director info, suggesting room for data quality improvement.

