

NETFLIX SQL ANALYSIS IN SQL SERVER MANAGEMENT STUDIO

```
SELECT TOP (1000) [show_id]
, [type]
, [title]
, [director]
, [casts]
, [country]
, [date_added]
, [release_year]
, [rating]
, [duration]
, [listed_in]
, [description]
FROM [Netflix_DB].[dbo].[Netflix_Data]
```

Total Number of Records used in this Dataset

```
SELECT COUNT(*) Total_Content FROM Netflix_Data
```

	Total_Content
1	8807

(1) Count the number of Movies vs TV Shows

```
SELECT type, COUNT(*) Total_Content FROM Netflix_Data
GROUP BY type
ORDER BY COUNT(*)
```

	type	Total_Content
1	TV Show	2676
2	Movie	6131

(2) Find the most common rating for movies and TV shows
GO

```
CREATE VIEW Content_Rating_Rank AS
SELECT
    type AS Content_Type,
    rating AS Rating_Category,
    COUNT(rating) AS Total_Ratings,
    RANK() OVER (PARTITION BY type ORDER BY COUNT(rating) DESC) AS
Type_Rating_Rank
FROM Netflix_Data
GROUP BY type, rating
GO
```

	Content_Type	Rating_Category	Total_Ratings	Type_Rating_Rank
1	Movie	TV-MA	2062	1
2	Movie	TV-14	1427	2
3	Movie	R	797	3
4	Movie	TV-PG	540	4
5	Movie	PG-13	490	5
6	Movie	PG	387	6
7	Movie	TV-Y7	139	7
8	Movie	TV-Y	131	8
9	Movie	TV-G	126	9
10	Movie	NR	75	10
11	Movie	G	41	11
12	Movie	TV-Y7-FV	5	12
13	Movie	UR	3	13
14	Movie	NC-17	3	13
15	Movie	78 min	1	15
16	Movie	66 min	1	15
17	Movie	84 min	1	15
18	Movie	NSJLL	0	18
19	TV Show	TV-MA	1145	1
20	TV Show	TV-14	733	2

```
SELECT * FROM Content_Rating_Rank
WHERE Type_Rating_Rank <= 3
```

	Content_Type	Rating_Category	Total_Ratings	Type_Rating_Rank
1	Movie	TV-MA	2062	1
2	Movie	TV-14	1427	2
3	Movie	R	797	3
4	TV Show	TV-MA	1145	1
5	TV Show	TV-14	733	2
6	TV Show	TV-PG	323	3

(3) List all movies released in a specific year (e.g., 2020)

```
SELECT
type as Content_Type,
title Movie_Title,
release_year
FROM Netflix_Data
WHERE type = 'Movie' AND release_year = 2020
```

	Content_Type	Movie_Title	release_year
1	Movie	Dick Johnson Is Dead	2020
2	Movie	Europe's Most Dangerous Man: Otto Skorzeny in Sp...	2020
3	Movie	Tughlaq Durbar	2020
4	Movie	Omo Ghetto: the Saga	2020
5	Movie	Shadow Parties	2020
6	Movie	Here and There	2020
7	Movie	Shikara	2020
8	Movie	Really Love	2020
9	Movie	The Old Ways	2020
10	Movie	A Faraway Land	2020
11	Movie	Nneka The Pretty Serpent	2020
12	Movie	Out of my league	2020
13	Movie	Unroyal	2020
14	Movie	La diosa del asfalto	2020
15	Movie	Takizawa Kabuki ZERO 2020 The Movie	2020
16	Movie	Quam's Money	2020
17	Movie	I'm Glad I Did	2020
18	Movie	Sanitation Day	2020
19	Movie	Milkwater	2020

(4) Find the top 5 countries with the most content on Netflix

```
SELECT TOP 5
country,
COUNT(*) Total_Content
FROM Netflix_Data
Group by country
Order by 2 desc
-- This Answer would be wrong because of there are some countries that are
comma separated in it
--here Number of Original Countries
SELECT
Distinct(COUNT(country)) No_of_Original_Countries from Netflix_Data

-- List of Original Distinct Countries given in Dataset
SELECT
Distinct country Original_Countries from Netflix_Data

----- Solution to this Problem-----

-- Here I have made a New _Country column by using string_Split function and
applying some trimming

SELECT
country AS Original_Countries,
Trim(value) AS New_Country
FROM Netflix_Data
CROSS APPLY STRING_SPLIT(country, ',');
```

```
-- List of Distinct New_Countries after splitting and Trimming
SELECT
```

```
    Distinct(Trim(value)) AS New_Country
FROM Netflix_Data
CROSS APPLY STRING_SPLIT(country, ',');
```

```
-- Final Solution to this Problem
```

```
SELECT
    TOP 5
        Trim(value) New_Country,
        COUNT(show_id) Total_Content_By_Country
FROM Netflix_Data
CROSS APPLY STRING_SPLIT(country, ',')
Group by Trim(value)
ORDER BY COUNT(show_id) DESC
```

	New_Country	Total_Content_By_Country
1	United States	3690
2	India	1046
3	United Kingdom	806
4	Canada	445
5	France	393

(5) Identify the Top 3 longest movie

```
Select Top 3
title Movie_Title,
Trim(duration) Movie_Duration_in_Minutes
from Netflix_Data
where type = 'Movie'
Order by CAST(LEFT(duration, CHARINDEX(' ', duration) - 1) AS INT) DESC
```

	Movie_Title	Movie_Duration_in_Minutes
1	Black Mirror: Bandersnatch	312 min
2	Headspace: Unwind Your Mind	273 min
3	The School of Mischief	253 min

(6) Find content added in the last 5 years

```
Select CAST DATEADD(YEAR, -5, GETDATE()) AS date Five_Year_Ago_date
```

	Five_Year_Ago_date
1	2020-01-07

```
SELECT
type,
title,
CAST(date_added AS DATE) AS Date_Added
FROM Netflix_Data
WHERE date_added >= CAST DATEADD(YEAR, -5, GETDATE()) AS date
Order by CAST(date_added AS DATE);
```

	type	title	Date_Added
1	Movie	A Ghost Story	2020-01-07
2	Movie	Live Twice, Love Once	2020-01-07
3	TV Show	Cheer	2020-01-08
4	Movie	Bulletproof 2	2020-01-09
5	Movie	Speed Is My Need	2020-01-09
6	Movie	Sniper: Special Ops	2020-01-10
7	Movie	Set Up	2020-01-10
8	Movie	The Evil Dead	2020-01-10
9	TV Show	AJ and the Queen	2020-01-10
10	TV Show	Giri / Haji	2020-01-10
11	TV Show	Harvey Street Kids	2020-01-10
12	TV Show	Jamtara - Sabka Number Ayega	2020-01-10
13	TV Show	Medical Police	2020-01-10
14	Movie	Monsters: Dark Continent	2020-01-10
15	TV Show	The InBESTigators	2020-01-10
16	TV Show	Until Dawn	2020-01-10
17	Movie	Zoom	2020-01-11
18	Movie	Betty White: First Lady of Tele...	2020-01-12
19	Movie	Made in China	2020-01-12
20	TV Show	The Healing Powers of Dude	2020-01-13

(7) Find all the movies/TV shows by director 'Rajiv Chilaka'!

-- Method 1

```
SELECT * FROM Netflix_Data
WHERE director like '%Rajiv Chilaka%'
```

-- For case director column contains name in Lower case

```
SELECT * FROM Netflix_Data
WHERE director COLLATE SQL_Latin1_General_CP1_CI_AS LIKE '%Rajiv Chilaka%'
```

	show_id	type	title	director	casts	country
1	s407	Movie	Chhota Bheem - Neeli Pahaadi	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
2	s408	Movie	Chhota Bheem & Ganesh	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
3	s409	Movie	Chhota Bheem & Krishna: Mayanagari	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
4	s410	Movie	Chhota Bheem & Krishna: Pataliputra- City of the...	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
5	s411	Movie	Chhota Bheem And The Broken Amulet	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	India
6	s412	Movie	Chhota Bheem And The Crown of Valhalla	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
7	s413	Movie	Chhota Bheem and the Incan Adventure	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
8	s414	Movie	Chhota Bheem and The Shihobi Secret	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
9	s415	Movie	Chhota Bheem Aur Hanuman	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
10	s416	Movie	Chhota Bheem aur Krishna	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	India
11	s417	Movie	Chhota Bheem: Journey to Patra	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
12	s420	Movie	Chhota Bheem: Bheem vs Aliens	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
13	s421	Movie	Chhota Bheem: Dholakpur to Kathmandu	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
14	s422	Movie	Chhota Bheem: Dus Pe Dus	Rajiv Chilaka, Owli Mina	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
15	s423	Movie	Chhota Bheem: Journey to Patra	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
16	s424	Movie	Chhota Bheem: Master of Shaolin	Rajiv Chilaka	Pooja Punabi, Mausam, Julie Tejjwani, Rupa Bh...	NULL
17	s425	Movie	Chhota Bheem: The Rise of Kirmada	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL
18	s2718	Movie	Chhota Bheem and the Curse of Damyaan	Rajiv Chilaka	Kaustav Ghosh, Jigna Bhardwaj, Chutki, Rajesh K...	India
19	s2738	Movie	Mighty Raju Rio Calling	Rajiv Chilaka, Anirban Majumder, Alka...	NULL	India
20	s6298	Movie	Bheemayan	Rajiv Chilaka	NULL	NULL
21	s6465	Movie	Chhota Bheem Kungfu Dhamaka	Rajiv Chilaka, Binayak Das	Sonal Kaushal, Rupa Bhimani, Jigna Bharadhwaj...	India
22	s6646	Movie	Dragonkale Ka Rahasya	Rajiv Chilaka	NULL	NULL

-- OR

-- Method 2

```
select *,
value Director
from Netflix_Data
CROSS APPLY string_split(director,',')
Where value = 'Rajiv Chilaka'
```

	show_id	type	title	director	casts	country	date_added
1	s407	Movie	Chhota Bheem - Neeli Pahaadi	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
2	s408	Movie	Chhota Bheem & Ganesh	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
3	s409	Movie	Chhota Bheem & Krishna: Mayanagari	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
4	s410	Movie	Chhota Bheem & Krishna: Pataliputra- City of the...	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
5	s411	Movie	Chhota Bheem And The Broken Amulet	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	India	July 22, 20
6	s412	Movie	Chhota Bheem And The Crown of Valhalla	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
7	s413	Movie	Chhota Bheem and the Incan Adventure	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
8	s414	Movie	Chhota Bheem and The Shihobi Secret	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
9	s415	Movie	Chhota Bheem Aur Hanuman	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
10	s416	Movie	Chhota Bheem aur Krishna	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	India	July 22, 20
11	s417	Movie	Chhota Bheem aur Krishna vs Zimbara	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
12	s420	Movie	Chhota Bheem: Bheem vs Aliens	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
13	s421	Movie	Chhota Bheem: Dholakpur to Kathmandu	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
14	s422	Movie	Chhota Bheem: Dus Pe Dus	Rajiv Chilaka, Owli Mina	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
15	s423	Movie	Chhota Bheem: Journey to Patra	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
16	s424	Movie	Chhota Bheem: Master of Shaolin	Rajiv Chilaka	Pooja Punabi, Mausam, Julie Tejjwani, Rupa Bh...	NULL	July 22, 20
17	s425	Movie	Chhota Bheem: The Rise of Kirmada	Rajiv Chilaka	Vatsal Dubey, Julie Tejjwani, Rupa Bhimani, Jigna...	NULL	July 22, 20
18	s2718	Movie	Chhota Bheem and the Curse of Damyaan	Rajiv Chilaka	Kaustav Ghosh, Jigna Bhardwaj, Chutki, Rajesh K...	India	April 1, 202
19	s2738	Movie	Mighty Raju Rio Calling	Rajiv Chilaka, Anirban Maju...	NULL	India	April 1, 202
20	s6298	Movie	Bheemayan	Rajiv Chilaka	NULL	NULL	May 10, 20
21	s6465	Movie	Chhota Bheem Kungfu Dhamaka	Rajiv Chilaka, Binayak Das	Sonal Kaushal, Rupa Bhimani, Jigna Bharadhwaj...	India	August 15,
22	s6646	Movie	Dragonkale Ka Rahasya	Rajiv Chilaka	NULL	NULL	June 18, 2

(8)List all TV shows with more than 5 seasons

```
SELECT *
FROM Netflix_Data
WHERE type = 'TV Show'
AND CAST(LEFT(duration, CHARINDEX(' ', duration) - 1) AS INT) > 5;
```

	casts	country	date_added	release_year	rating	duration	listed_in
1	Mel Giedroyc, Sue Perkins, Mary Berry, Paul Holly...	United Kingdom	September 24, 2021	2021	TV-14	9 Seasons	British TV Shows, Reality TV
2	Nicole Byer, Jacques Torres	United States	September 15, 2021	2021	TV-PG	6 Seasons	Reality TV
3	Beth Chalmers, David Holt, Marcel McCalla, Teresa...	United Kingdom	September 15, 2021	2021	TV-Y	6 Seasons	Kids' TV
4	Mark-Paul Gosselaar, Tiffani Thiessen, Mario Lope...	United States	September 15, 2021	1994	TV-PG	9 Seasons	Kids' TV, TV Comedies
5	Tom Ellis, Lauren German, Kevin Alejandro, D.B. ...	United States	September 10, 2021	2021	TV-14	6 Seasons	Crime TV Shows, TV Comedies, TV Dram
6	Jane Fonda, Lily Tomlin, Martin Sheen, Sam Water...	United States	August 13, 2021	2021	TV-...	7 Seasons	TV Comedies, TV Dramas
7	Tina Fey, Alec Baldwin, Tracy Morgan, Jane Krako...	United States	August 1, 2021	2012	TV-14	7 Seasons	TV Comedies
8	Megumi Han, Mariya Ise, Keiji Fujiwara, Miyuki Saw...	Japan	August 1, 2021	2014	TV-14	6 Seasons	Anime Series, International TV Shows
9	Grant Gustin, Candice Patton, Danielle Panabaker, ...	United States	July 28, 2021	2021	TV-14	7 Seasons	Crime TV Shows, TV Action & Adventure
10	Andrew Lincoln, Steven Yeun, Norman Reedus, C...	United States	July 26, 2021	2019	TV-...	10 Seas...	Classic & Cult TV, TV Action & Adventure
11	Ashleigh Ball, Tabitha St. Germain, Tara Strong, An...	United States, ...	July 6, 2021	2018	TV-Y	8 Seasons	Kids' TV
12	Taylor Schilling, Kate Mulgrew, Laura Prepon, Jaso...	United States	July 6, 2021	2019	TV-...	7 Seasons	TV Comedies, TV Dramas
13	You, Reina Triendi, Yoshimi Tokui, Azusa Babazon...	Japan	July 6, 2021	2018	TV-14	6 Seasons	International TV Shows, Reality TV
14	Ellen Pompeo, Sandra Oh, Katherine Heigl, Justin ...	United States	July 3, 2021	2020	TV-14	17 Seas...	Romantic TV Shows, TV Dramas
15	Lea Michele, Chris Colfer, Jane Lynch, Matthew M...	United States	June 19, 2021	2015	TV-14	6 Seasons	TV Comedies, TV Dramas, Teen TV Sho
16	Eugene Levy, Catherine O'Hara, Daniel Levy, Anni...	Canada, Unite...	June 19, 2021	2020	TV-...	6 Seasons	TV Comedies
17	Hugh Bonneville, Jessica Brown Findlay, Samanth...	United Kingdom	June 2, 2021	2015	TV-14	6 Seasons	British TV Shows, International TV Shows
18	Lauren Graham, Alexis Bledel, Scott Patterson, Kel...	United States	April 15, 2021	2006	TV-14	7 Seasons	Romantic TV Shows, TV Comedies, TV C

Query executed successfully. LAPTOP-MQGSV87C\SQLEXPRESS ... LAPTOP-MQGSV87C\sahil ... Netflix_DB 00:00:00 99 rows

(9) Count the number of content items in each genre

```

Select Trim(value) Genre ,
Count(*) Total_Content from Netflix_Data
CROSS APPLY string_split(listed_in,',')
Group by Trim(value)
Order by Count(*) DESC

```

	Genre	Total_Content
1	International Movies	2752
2	Dramas	2427
3	Comedies	1674
4	International TV Shows	1351
5	Documentaries	869
6	Action & Adventure	859
7	TV Dramas	763
8	Independent Movies	756
9	Children & Family Movies	641
10	Romantic Movies	616
11	TV Comedies	581
12	Thrillers	577
13	Crime TV Shows	470
14	Kids' TV	451
15	Docuseries	395
16	Music & Musicals	375
17	Romantic TV Shows	370
18	Horror Movies	357
19	Stand-Up Comedy	343
20	Reality TV	255
21	British TV Shows	253
22	Sci-Fi & Fantasy	243
23	Sports Movies	219
24	Anime Series	176
25	Spanish-Language TV ...	174

(10).Find each year and the average numbers of content release in India on netflix.

--return top 5 year with highest avg content release!

-- This is Total_release_Content_In_India and Number_of_Content_release_year so that One can check answer of this complex solution below

```

Select
Trim(value) Country, COUNT(*) Total_release_Content_In_India
from Netflix_Data
CROSS APPLY string_split(country,',')
Where Trim(value) = 'India'
Group by Trim(value)

```

```

Select COUNT( DISTINCT

```

```

YEAR(CAST(date_added as date))) Number_of_Content_release_year
from Netflix_Data
CROSS APPLY string_split(country,',')
Where Trim(value) = 'India'

GO
CREATE VIEW Average_Content_Per_Year_India AS
Select
Trim(value) Country,
YEAR(CAST(date_added as date)) Content_release_year,
COUNT(*) as Total_Content_release_in_India,
CAST((COUNT(*) * 1.00)/ (Select COUNT( DISTINCT
                                YEAR(CAST(date_added as date)))
                                from Netflix_Data
                                CROSS APPLY string_split(country,',')
                                Where Trim(value) = 'India') as
decimal(10,2)) Average_Content_Per_year_In_India
from Netflix_Data
CROSS APPLY string_split(country,',')
Where Trim(value) = 'India'
Group by Trim(value), YEAR(CAST(date_added as date))
GO

Select * from Average_Content_Per_Year_India
Order by Total_Content_release_in_India desc

```

	Country	Content_release_year	Total_Content_release_in_India	Average_Content_Per_year_In_India
1	India	2018	349	58.17
2	India	2019	218	36.33
3	India	2020	199	33.17
4	India	2017	162	27.00
5	India	2021	105	17.50
6	India	2016	13	2.17

```

-- For second part of this Question
Select TOP 5 * from Average_Content_Per_Year_India
Order by Average_Content_Per_year_In_India DESC

```

	Country	Content_release_year	Total_Content_release_in_India	Average_Content_Per_year_In_India
1	India	2018	349	58.17
2	India	2019	218	36.33
3	India	2020	199	33.17
4	India	2017	162	27.00
5	India	2021	105	17.50

```

(11) List all movies that are documentaries
Select * from Netflix_Data
Where listed_in like '%Documentaries%'

```


	show_id	type	title	director	casts	country	listed_in	description
1	s1	Movie	Dick Johnson is D...	Kirsten Johnson	NULL	Unite...	Documentaries	As her father nears the end
2	s17	Movie	Europe's Most Da...	Pedro de Echave ...	NULL	NULL	Documentaries, International Movies	Declassified documents rev
3	s46	Movie	My Heroes Were ...	Tyler Greco	NULL	NULL	Documentaries	Robin Wiltshire's painful chi
4	s69	Movie	Schumacher	Hanns-Bruno Kam...	Michael Sc...	NULL	Documentaries, International Movies, Sports Movies	Through exclusive interview
5	s89	Movie	Blood Brothers: M...	Marcus Clarke	Malcolm X, ...	NULL	Documentaries, International Movies	From a chance meeting to i
6	s92	Movie	The Women and T...	Mona Achache, P...	NULL	France	Documentaries, International Movies	This documentary traces th
7	s97	Movie	If I Leave Here To...	Stephen Kijak	Ronnie Van...	Unite...	Documentaries, Music & Musicals	Using interviews and archiv
8	s102	Movie	Untold: Breaking ...	Chapman Way, M...	NULL	Unite...	Documentaries, Sports Movies	Under pressure to continue
9	s118	Movie	Final Account	Luke Holland	NULL	Unite...	Documentaries	This documentary stitches t
10	s171	Movie	Rhyme & Reason	Peter Spier	Too Short, B...	Unite...	Documentaries, Music & Musicals	The world and culture of rap
11	s174	Movie	Snervous Tylor O...	Amy Rice	Tyler Oakley	Unite...	Documentaries, LGBTQ Movies	The inspiring Internet star a
12	s186	Movie	Untold: Crime & P...	Chapman Way, M...	NULL	Unite...	Documentaries, Sports Movies	They were the bad boys of
13	s222	Movie	Bob Ross: Happy ...	Joshua Rife	Bob Ross	NULL	Documentaries	Bob Ross brought joy to mil
14	s231	Movie	The River Runner	Rush Sturges	NULL	NULL	Documentaries, Sports Movies	In this documentary, a kayal
15	s234	Movie	Count Me In	Mark Lo	NULL	Unite...	Documentaries, Music & Musicals	This documentary features :
16	s236	Movie	Untold: Caitlyn Je...	Crystal Moselle	NULL	NULL	Documentaries, LGBTQ Movies, Sports Movies	Caitlyn Jenner's unlikely pat
17	s256	Movie	Memories of a Mu...	Michael Harte	NULL	NULL	Documentaries, International Movies	Serial killer Dennis Nilsen n
18	s263	Movie	Untold: Deal With ...	Laura Brownson	NULL	NULL	Documentaries, LGBTQ Movies, Sports Movies	Christy Martin broke bound
19	s284	Movie	Misha and the Wo...	Sam Hobkinson	NULL	Belgi...	Documentaries, International Movies	As a little girl, she escap
20	s291	Movie	Untold: Malice at t...	Floyd Russ	NULL	Unite...	Documentaries, Sports Movies	Key figures from an infamou
21	s303	Movie	City of God: 10 Ye...	Cavi Borges, Lucia...	NULL	Brazil	Documentaries, International Movies	A decade after the seminal
22	s305	Movie	Lady Boss: The J...	Laura Fairrie	Jackie Collins	Unite...	Documentaries	"Queen of Sleaze" or femin
23	s318	Movie	Prav Arav	Kristine Stotakis	NULL	Unite...	Documentaries, LGBTQ Movies	Ex-leaders and a survivor o

(12) Find all content without a director

Select * from Netflix_Data
Where director is NULL

	show_id	type	title	director	c dat...	releas...	rating	duration	listed_in	description
1	s2	TV Show	Blood & Water	NULL	Se...	2021	TV-MA	2 Seasons	Internati...	After crossi...
2	s4	TV Show	Jailbirds New Orleans	NULL	Se...	2021	TV-MA	1 Season	Docuser...	Feuds, flirta...
3	s5	TV Show	Kota Factory	NULL	Se...	2021	TV-MA	2 Seasons	Internati...	In a city of ...
4	s11	TV Show	Vendetta: Truth, Lies and The Mafia	NULL	Se...	2021	TV-MA	1 Season	Crime T...	Sicily boast...
5	s15	TV Show	Crime Stories: India Detectives	NULL	Se...	2021	TV-MA	1 Season	British T...	Cameras fo...
6	s16	TV Show	Dear White People	NULL	Se...	2021	TV-MA	4 Seasons	TV Com...	Students of...
7	s18	TV Show	Falsa identidad	NULL	Se...	2020	TV-MA	2 Seasons	Crime T...	Strangers ...
8	s20	TV Show	Jaguar	NULL	Se...	2021	TV-MA	1 Season	Internati...	In the 1960...
9	s22	TV Show	Resurrection: Ertugrul	NULL	Se...	2018	TV-14	5 Seasons	Internati...	When a go...
10	s26	TV Show	Love on the Spectrum	NULL	Se...	2021	TV-14	2 Seasons	Docuser...	Finding lov...
11	s32	TV Show	Chicago Party Aunt	NULL	Se...	2021	TV-MA	1 Season	TV Com...	Chicago P...
12	s33	TV Show	Sex Education	NULL	Se...	2020	TV-MA	3 Seasons	British T...	Insecure O...
13	s34	TV Show	Squid Game	NULL	Se...	2021	TV-MA	1 Season	Internati...	Hundreds ...
14	s35	TV Show	Tayo and Little Wizards	NULL	Se...	2020	TV-Y7	1 Season	Kids' TV	Tayo spee...
15	s38	TV Show	Angry Birds	NULL	Se...	2018	TV-Y7	1 Season	Kids' TV...	Birds Red, ...
16	s40	TV Show	Chhota Bheem	NULL	Se...	2021	TV-Y7	3 Seasons	Kids' TV	A brave, e...
17	s41	TV Show	He-Man and the Masters of the U...	NULL	Se...	2021	TV-Y7	1 Season	Kids' TV...	Mighty tee...
18	s50	TV Show	Castle and Castle	NULL	Se...	2021	TV-MA	2 Seasons	Internati...	A pair of hi...
19	s51	TV Show	Dharmakshetra	NULL	Se...	2014	TV-PG	1 Season	Internati...	After the an...
20	s56	TV Show	Nailed It	NULL	Se...	2021	TV-PG	6 Seasons	Reality TV	Home bak...
21	s66	TV Show	Numberlocks	NULL	Se...	2021	TV-Y	6 Seasons	Kids' TV	In a place c

(13) Find how many movies actor 'Salman Khan' appeared in last 10 years!

Select * from Netflix_Data
Where type = 'Movie' and casts like '%Salman Khan%' and release_year > (YEAR(CAST(GETDATE() as date)) - 10)

	show_id	type	title	director	casts	country	date_added	release_year	rating	duration	listed_in	description
1	s2757	Movie	Paharganj	Rakesh Ranjan Kumar	Lorena Fran...	India	March 31, 2020	2019	TV-MA	107 min	Dramas, Indepen...	In the underbelly of a

(14) Find the top 10 actors who have appeared in the highest number of movies produced in India.

Select TOP 10
TRIM(value) Indian_Actor,
COUNT(TRIM(value))
from Netflix_Data
CROSS APPLY string_split(casts, ',')
where country like '%India%' and type = 'Movie'
Group by TRIM(value)
Order by COUNT(TRIM(value)) DESC;

	Indian_Actor	Appearance_in_Movie
1	Anupam Kher	40
2	Shah Rukh Khan	34
3	Naseeruddin Shah	31
4	Om Puri	29
5	Akshay Kumar	29
6	Amitabh Bachchan	28
7	Paresh Rawal	28
8	Boman Irani	27
9	Kareena Kapoor	25
10	Ajay Devgn	21

(15.) Categorize the content based on the presence of the keywords 'kill' and 'violence' in the description field. Label content containing these keywords as 'Bad' and all other content as 'Good'. Count how many items fall into each category.

```
WITH Category_table AS
    (SELECT *,
     CASE WHEN
         description LIKE '%kill%' OR description like
         '%violence%' then 'Bad_Content'
         ELSE 'Good_Content'
     END Category
    From Netflix_Data
    )
Select Category, COUNT(show_id) from Category_table
Group by Category
```

		release_year	rating	duration	listed_in	description	Category
1	25, 2021	2020	PG-13	90 min	Documentaries	As her father nears the end of his life, filmmaker Kir...	Good_Content
2	24, 2021	2021	TV-MA	2 Seasons	International TV Shows, TV Dramas, TV Mysteries	After crossing paths at a party, a Cape Town teen s...	Good_Content
3	24, 2021	2021	TV-MA	1 Season	Crime TV Shows, International TV Shows, TV Action ...	To protect his family from a powerful drug lord, skill...	Bad_Content
4	24, 2021	2021	TV-MA	1 Season	Docuseries, Reality TV	Feuds, flirtations and toilet talk go down among the ...	Good_Content
5	24, 2021	2021	TV-MA	2 Seasons	International TV Shows, Romantic TV Shows, TV Co...	In a city of coaching centers known to train India's fi...	Good_Content
6	24, 2021	2021	TV-MA	1 Season	TV Dramas, TV Horror, TV Mysteries	The arrival of a charismatic young priest brings glori...	Good_Content
7	24, 2021	2021	PG	91 min	Children & Family Movies	Equestria's divided. But a bright-eyed hero believes...	Good_Content
8	24, 2021	1993	TV-MA	125 min	Dramas, Independent Movies, International Movies	On a photo shoot in Ghana, an American model sli...	Good_Content
9	24, 2021	2021	TV-14	9 Seasons	British TV Shows, Reality TV	A talented batch of amateur bakers face off in a 10-...	Good_Content
10	24, 2021	2021	PG-13	104 min	Comedies, Dramas	A woman adjusting to life after a loss contends with ...	Good_Content
11	24, 2021	2021	TV-MA	1 Season	Crime TV Shows, Docuseries, International TV Shows	Sicily boasts a bold "Anti-Mafia" coalition. But what ...	Good_Content
12	23, 2021	2021	TV-MA	1 Season	Crime TV Shows, International TV Shows, TV Action ...	Struggling to earn a living in Bangkok, a man joins ...	Good_Content

	Category	Number_Content
1	Bad_Content	342
2	Good_Content	8465