

20 -- Business Problems

21

22 -- (1) Count the number of Movies vs TV-Shows

23 -----

24

Result Grid



Filter Rows:

Export:



Wrap Cell Content:

	type	total_count
▶	Movie	6132
	TV Show	2677

30

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

32

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Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	type	rating
▶	Movie	TV-MA
	TV Show	TV-MA



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48 -- (3) List all movies realeased in a specific year (e.g ,2000)
49 -----
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Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in	description
▶	s181	Movie	The Nutty Professor II: T...	Peter Segal	Eddie Murphy, Janet Jackson, Larry Miller, John Ales, Richard ...	NULL	2021-09-01	2000	PG-13	107 min	Comedies, Romantic Movies	After getting engaged, Sherman Klump prepare...
	s351	Movie	Space Cowboys	Clint Eastwood	Clint Eastwood, Tommy Lee Jones, Donald Sutherland, James ...	United States	2021-08-01	2000	PG-13	130 min	Action & Adventure, Dramas, Sci-Fi & Fantasy	A retired engineer agrees to help NASA prevent...
	s360	Movie	The Original Kings of Com...	Spike Lee	Steve Harvey, D.L. Hughley, Cedric the Entertainer, Bernie Mac	United States	2021-08-01	2000	R	111 min	Stand-Up Comedy	Comedians Steve Harvey, Cedric the Entertaine...
	s567	Movie	Charlie's Angels	McG	Cameron Diaz, Drew Barrymore, Lucy Liu, Bill Murray, Sam Roc...	United States, Germany	2021-07-01	2000	PG-13	98 min	Action & Adventure, Comedies	A tight-knit trio of specially trained agents wield...
	s594	Movie	Snow Day	Chris Koch	Chris Elliott, Mark Webber, Jean Smart, Schuyler Fisk, Iggy Po...	United States	2021-07-01	2000	PG	89 min	Children & Family Movies, Comedies	When a snow day shuts down the whole town, ...
	s780	Movie	Battlefield Earth	Roger Christian	John Travolta, Barry Pepper, Forest Whitaker, Kim Coates, Sa...	United States	2021-06-02	2000	PG-13	118 min	Action & Adventure, Cult Movies, Sci-Fi & Fant...	In the year 3000, an alien race known as the Ps...
	s953	Movie	The Whole Nine Yards	Jonathan Lynn	Bruce Willis, Matthew Perry, Rosanna Arquette, Michael Clarke...	United States	2021-05-01	2000	R	99 min	Action & Adventure, Comedies	An unhappily married dentist becomes mixed up...

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57 -- (4) Find the top 5 contries with the most content on Netflix
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Result Grid



Filter Rows:

Export:



Wrap Cell Content:








Fetch rows:



	new_country	total_content
▶	United States	3691
	India	1046
	United Kingdom	806
	Canada	445
	France	393

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99
100 -- (5) Identify the longest movie?
101 -----
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```

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content:  Fetch rows: 												
	show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in	description
▶	s4254	Movie	Black Mirror: Bandersnatch	NULL	Fionn Whitehead, Will Poulter, Craig Parkinson, Alice Lowe, Asi...	United States	2018-12-28	2018	TV-MA	312 min	Dramas, International Movies, Sci-Fi & Fantasy	In 1984, a young programmer begins to questio...

110 -- (6) Find content added in last 5 years

111 -----

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Fe

	title	type	date_added	release_year
▶	Parasyte: The Grey	TV Show	2024-04-05	2024
	Serena	Movie	2024-04-05	2014
	Dick Johnson Is Dead	Movie	2021-09-25	2020
	Blood & Water	TV Show	2021-09-24	2021
	Ganglands	TV Show	2021-09-24	2021
	Jailbirds New Orleans	TV Show	2021-09-24	2021
	Kota Factory	TV Show	2021-09-24	2021

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118 -- (7a) Find all the movies/tv shows by director "Eva Orner"
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Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in	description
▶	s3251	Movie	Bikram: Yogi, Guru, Preda...	Eva Orner	Bikram Choudhury	United States	2019-11-20	2019	TV-MA	86 min	Documentaries	This documentary charts the rise and fall of hot ...

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144 -- (8) List all TV shows with more than 5 seasons
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145 -----
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```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	title	duration	release_year	rating
▶	Grey's Anatomy	17 Seasons	2020	TV-14
	Supernatural	15 Seasons	2019	TV-14
	NCIS	15 Seasons	2017	TV-14
	Red vs. Blue	13 Seasons	2015	NR
	COMEDIANS of the world	13 Seasons	2019	TV-MA
	Heartland	13 Seasons	2019	TV-14
	Criminal Minds	12 Seasons	2017	TV-14

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

156 -----

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



genre	content_count
International Movies	2752
Dramas	2427
Comedies	1674
International TV Shows	1351
Documentaries	869
Action & Adventure	859
TV Dramas	763
Independent Movies	756
Children & Family Movies	641
Romantic Movies	616
TV Comedies	581
Thrillers	577
Crime TV Shows	470
Kids' TV	451
Docuseries	395
Music & Musicals	375
Romantic TV Shows	370
Horror Movies	357
Stand-Up Comedy	343
Reality TV	255
British TV Shows	253

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	release_year	total_content	avg_movies	avg_tv_shows
►	2021	35	0.7143	0.2857
	2020	77	0.7792	0.2208
	2019	93	0.8495	0.1505
	2018	101	0.8713	0.1287
	2017	111	0.9730	0.0270
	2016	80	0.9875	0.0125
	2015	70	0.8571	0.1429
	2014	56	0.9107	0.0893
	2013	58	0.9483	0.0517
	2012	41	0.9512	0.0488
	2011	33	0.9697	0.0303
	2010	41	0.9024	0.0976
	2009	28	0.9643	0.0357
	2008	26	1.0000	0.0000
	2007	17	1.0000	0.0000
	2006	20	1.0000	0.0000
	2005	20	1.0000	0.0000
	2004	15	1.0000	0.0000
	2003	13	1.0000	0.0000
	2002	10	1.0000	0.0000
	2001	8	1.0000	0.0000

210 -- (10b) Alternative version with percentages:

Result Grid   Filter Rows: Export:  Wrap Cell Content: 






	release_year	total_content	percentage_of_total	movie_percentage	tv_show_percentage
▶	2021	35	3.35	71.43	28.57
	2020	77	7.36	77.92	22.08
	2019	93	8.89	84.95	15.05
	2018	101	9.66	87.13	12.87
	2017	111	10.61	97.30	2.70
	2016	80	7.65	98.75	1.25
	2015	70	6.69	85.71	14.29
	2014	56	5.35	91.07	8.93
	2013	58	5.54	94.83	5.17
	2012	41	3.92	95.12	4.88
	2011	33	3.15	96.97	3.03
	2010	41	3.92	90.24	9.76
	2009	28	2.68	96.43	3.57
	2008	26	2.49	100.00	0.00
	2007	17	1.63	100.00	0.00
	2006	20	1.91	100.00	0.00
	2005	20	1.91	100.00	0.00
	2004	15	1.43	100.00	0.00
	2003	13	1.24	100.00	0.00
	2002	10	0.96	100.00	0.00
	2001	8	0.76	100.00	0.00

Result 16 x

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in	description
▶	s46	Movie	My Heroes Were Cowboys	Tyler Greco	NULL	NULL	2021-09-16	2021	PG	23 min	Documentaries	Robin Wiltshire's painful childhood was rescued ...
	s69	Movie	Schumacher	Hanns-Bruno Kamm...	Michael Schumacher	NULL	2021-09-15	2021	TV-14	113 min	Documentaries, International Movies, Sports M...	Through exclusive interviews and archival foota...
	s89	Movie	Blood Brothers: Malcolm X...	Marcus Clarke	Malcolm X, Muhammad Ali	NULL	2021-09-09	2021	PG-13	96 min	Documentaries, Sports Movies	From a chance meeting to a tragic fallout, Malco...
	s92	Movie	The Women and the Murd...	Mona Achache, Pat...	NULL	France	2021-09-09	2021	TV-14	92 min	Documentaries, International Movies	This documentary traces the capture of serial kil...
	s102	Movie	Untold: Breaking Point	Chapman Way, Mac...	NULL	United States	2021-09-07	2021	TV-MA	80 min	Documentaries, Sports Movies	Under pressure to continue a winning tradition i...
	s118	Movie	Final Account	Luke Holland	NULL	United Kingdom, United States	2021-09-02	2021	PG-13	94 min	Documentaries	This documentary stitches together never-befo...
	s186	Movie	Untold: Crime & Penalties	Chapman Way, Mac...	NULL	NULL	2021-08-31	2021	TV-MA	86 min	Documentaries, Sports Movies	They were the bad boys of hockey â a team bo...
	s222	Movie	Bob Ross: Happy Acciden...	Joshua RofÃ©	Bob Ross	NULL	2021-08-25	2021	TV-14	93 min	Documentaries	Bob Ross brought joy to millions as the worldâs ...
	s231	Movie	The River Runner	Rush Sturges	NULL	NULL	2021-08-25	2021	TV-MA	86 min	Documentaries, Sports Movies	In this documentary, a kayaker sets out to bec...
	s234	Movie	Count Me In	Mark Lo	NULL	United Kingdom	2021-08-24	2021	TV-MA	82 min	Documentaries, Music & Musicals	This documentary features some of rock's great...
	s236	Movie	Untold: Caitlyn Jenner	Crystal Moselle	NULL	NULL	2021-08-24	2021	TV-PG	70 min	Documentaries, LGBTQ Movies, Sports Movies	Caitlyn Jenner's unlikely path to Olympic glory w...
	s256	Movie	Memories of a Murderer: ...	Michael Harte	NULL	NULL	2021-08-18	2021	TV-MA	86 min	Documentaries, International Movies	Serial killer Dennis Nilsen narrates his life and ho...
	s263	Movie	Untold: Deal With the Devil	Laura Brownson	NULL	NULL	2021-08-18	2021	TV-MA	78 min	Documentaries, LGBTQ Movies, Sports Movies	Christy Martin broke boundaries and noses as s...
	s284	Movie	Misha and the Wolves	Sam Hobkinson	NULL	Belgium, United Kingdom	2021-08-11	2021	PG-13	90 min	Documentaries, International Movies	As a little girl, she escaped the Holocaust and li...
	s291	Movie	Untold: Malice at the Palace	Floyd Russ	NULL	United States	2021-08-10	2021	TV-MA	70 min	Documentaries, Sports Movies	Key figures from an infamous 2004 incident bet...
	s305	Movie	Lady Boss: The Jackie Col...	Laura Fairrie	Jackie Collins	United Kingdom	2021-08-05	2021	TV-14	97 min	Documentaries	"Queen of Sleaze" or feminist pioneer? Powerho...
	s318	Movie	Pray Away	Kristine Stolakis	NULL	United States	2021-08-03	2021	PG-13	102 min	Documentaries, LGBTQ Movies	Ex-leaders and a survivor of the so-called "conv...
	s319	Movie	Shiny_Flakes: The Teena...	Eva MÃ¼ller, Micha...	Maximilian Schmidt	NULL	2021-08-03	2021	TV-MA	97 min	Documentaries, International Movies	Max S. reveals how he built a drug empire from ...
	s405	Movie	9to5: The Story of a Mov...	NULL	NULL	NULL	2021-07-22	2021	TV-MA	85 min	Documentaries	In this documentary, female office workers in '7...
	s456	Movie	Emicida: AmarElo - Live in ...	Fred Ouro Preto	Emicida	NULL	2021-07-15	2021	TV-MA	100 min	Documentaries, International Movies, Music & M...	Brazilian rapper Emicida brings his progressive r...
	s458	Movie	Lift Like a Girl	Mavve Zayed	NULL	Egypt, Denmark, Germany	2021-07-15	2021	TV-PG	93 min	Documentaries, International Movies, Sports M...	With the guidance of her relentless coach, a te...

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241 -- (12) Find all content without a director
242 -----
243
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Result Grid   Filter Rows: Export:  Wrap Cell Content:  Fetch rows: 

	show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in	description
▶	s471	Movie	Bridgerton - The Afterparty	NULL	David Spade, London Hughes, Fortune Feimster	NULL	2021-07-13	2021	TV-14	39 min	Movies	"Bridgerton" cast members share behind-the-sc...
	s1263	Movie	Ginny & Georgia - The Aft...	NULL	David Spade, London Hughes, Fortune Feimster, Brianne How...	NULL	2021-02-26	2021	TV-MA	35 min	Comedies, Dramas	Cast members of the hit Netflix show join the h...
	s976	Movie	Shadow and Bone - The A...	NULL	David Spade, London Hughes, Fortune Feimster, Ben Barnes, ...	United States	2021-04-24	2021	TV-14	33 min	Action & Adventure, Comedies, Dramas	Stars of Netflix's "Shadow and Bone" discuss th...
	s855	Movie	Creating an Army of the ...	NULL	NULL	NULL	2021-05-21	2021	TV-MA	29 min	Documentaries	Zack Snyder and his "Army of the Dead" team di...
	s642	Movie	Sisters on Track	NULL	NULL	NULL	2021-06-24	2021	PG	97 min	Documentaries, Sports Movies	Three track star sisters face obstacles in life an...
	s852	Movie	99 Songs (Tamil)	NULL	NULL	NULL	2021-05-21	2021	TV-14	131 min	Dramas, International Movies, Music & Musicals	Challenged to compose 100 songs before he ca...
	s718	Movie	Headspace: Unwind Your ...	NULL	Andy Puddicombe, Evelyn Lewis Prieto, Ginger Daniels, Darren...	NULL	2021-06-15	2021	TV-G	273 min	Documentaries	Do you want to relax, meditate or sleep deeply...
	s405	Movie	9to5: The Story of a Mov...	NULL	NULL	NULL	2021-07-22	2021	TV-MA	85 min	Documentaries	In this documentary, female office workers in '7...
	s1432	Movie	Stuck Apart	NULL	Engin GÃ¼naydÃ±n, Haluk Bilginer, Binnur Kaya, Ãner Erkan, ...	Turkey	2021-01-08	2021	TV-MA	97 min	Comedies, Dramas, International Movies	Entrenched in a midlife crisis, Aziz seeks solace f...
	s1158	Movie	Bad Trip	NULL	Eric AndrÃ©, Lil Rel Howery, Tiffany Haddish, Michaela Conlin	United States	2021-03-26	2021	TV-MA	87 min	Comedies	In this hidden-camera prank comedy, two best f...
	s913	Movie	The Circle - The Afterparty	NULL	David Spade, London Hughes, Fortune Feimster	NULL	2021-05-07	2021	TV-14	35 min	Comedies	Stars of "The Circle" drop by to discuss Season ...
	s730	Movie	Bling Empire - The Afterp...	NULL	David Spade, London Hughes, Fortune Feimster	NULL	2021-06-12	2021	TV-MA	36 min	Movies	The stars of "Bling Empire" discuss the show's s...
	s731	Movie	Cobra Kai - The Afterparty	NULL	David Spade, London Hughes, Fortune Feimster	NULL	2021-06-12	2021	TV-MA	34 min	Movies	Ralph Macchio, William Zabka and more from th...
	s889	Movie	The Upshaws - The After...	NULL	David Spade, London Hughes, Fortune Feimster, Wanda Syke...	NULL	2021-05-14	2021	TV-14	32 min	Comedies	The comedic dream team from "The Upshaws" di...
	s733	Movie	To All the Boys: Always a...	NULL	Cast members of the "To All the Boys" films dish about the thir...	NULL	2021-06-12	2021	TV-MA	36 min	Movies	Cast members of the "To All the Boys" films dish...
	s1426	Movie	Creating The Queen's Ga...	NULL	NULL	United States	2021-01-08	2021	TV-14	14 min	Documentaries	A fascinating character. Exquisite sets. A wig fo...
	s1029	Movie	Dad Stop Embarrassing M...	NULL	David Spade, London Hughes, Fortune Feimster, Jamie Foxx, ...	NULL	2021-04-16	2021	TV-14	37 min	Comedies	Jamie Foxx, David Alan Grier and more from the...
	s739	Movie	Trese After Dark	NULL	NULL	NULL	2021-06-11	2021	TV-14	36 min	Anime Features, Documentaries	Stars and creators gather to discuss âTrese,â f...
	s999	Movie	Searching For Sheela	NULL	Ma Anand Sheela	India	2021-04-22	2021	TV-14	58 min	Documentaries, International Movies	Journalists and fans await Ma Anand Sheela as ...
	s853	Movie	99 Songs (Telugu)	NULL	NULL	NULL	2021-05-21	2021	TV-14	131 min	Dramas, International Movies, Music & Musicals	Challenged to compose 100 songs before he ca...
	s1288	Movie	Fate: The Winx Saga - Th	NULL	David Spade, London Hughes, Fortune Feimster, Abigail Cowe	United Kingdom	2021-02-20	2021	TV-14	36 min	Comedies, Dramas	Stars of the fiery hit discuss the show's manic

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

255 -----

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in	description
▶	s2340	Movie	Prem Ratan Dhan Payo	Sooraj R. Barjatya	Salman Khan, Sonam Kapoor, Anupam Kher, Neil Nitin Mukesh,...	India	2020-06-25	2015	TV-14	164 min	Action & Adventure, Dramas, International Movies	While recovering from an assassination attempt...
	s2757	Movie	Paharganj	Rakesh Ranjan Kumar	Lorena Franco, Bijesh Jayarajan, Neet Chowdhary, Rajeev Ga...	India	2020-03-31	2019	TV-MA	107 min	Dramas, Independent Movies, International Mo...	In the underbelly of a Delhi neighborhood, a wo...

266 -- (14) Find the top 10 actor who have appeared in the highest number of movies produced in India

267 -----

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	actor_name	movie_count	years_active	earliest_movie	latest_movie
►	Anupam Kher	39	1990,1993,1994,1995,1996,1997,1998,1999,2...	1990	2019
	Shah Rukh Khan	34	1992,1993,1994,1995,1996,1997,1998,2000,2...	1992	2017
	Naseeruddin Shah	31	1982,1983,1985,1991,1992,1994,1996,2002,2...	1982	2019
	Akshay Kumar	29	2002,2004,2005,2006,2007,2010,2011,2012,2...	2002	2018
	Amitabh Bachchan	28	1975,1976,1977,1979,1980,1981,1982,1990,2...	1975	2019
	Om Puri	28	1982,1983,1990,2000,2001,2002,2004,2006,2...	1982	2016
	Paresh Rawal	28	1990,1993,1994,1997,1999,2000,2002,2004,2...	1990	2019
	Boman Irani	26	2003,2004,2005,2006,2007,2008,2009,2011,2...	2003	2019
	Kareena Kapoor	25	2001,2003,2004,2005,2006,2007,2008,2009,2...	2001	2016
	Ajay Devgn	21	2002,2003,2004,2005,2006,2008,2010,2011,2...	2002	2017

```
306 -- (15)
307 -- Categorize the content based on the presence of the key words 'kill' and 'voilence' in the description
308 -- field. Label content containing these keywords as 'Bad' and all other content as 'Good'. Count how many items fall into
309 -- each category.
310 -----
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	category	total_count
►	Good_Content	8467
	Bad_Content	342


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325 -- (16) Identify Seasonal Trends in Content Additions.
326 -- Find which month has the highest number of content additions over the years.
327 -----

```

Result Grid |  |  Filter Rows: | Export:  | Wrap Cell Content: 

	month_number	month_name	content_added	movies_added	shows_added
▶	7	July	819	565	254
	12	December	797	547	250
	9	September	765	519	246
	4	April	761	551	210
	10	October	755	545	210
	8	August	749	519	230
	3	March	734	529	205
	1	January	727	546	181
	6	June	724	492	232
	11	November	697	498	199
	5	May	626	439	187
	2	February	557	382	175
	NULL	NULL	88	0	88

```

344  -- (17a) Popular Genre by Year
345  -- Identify the most popular genre for each year.
346  -----

```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	release_year	most_popular_genre	genre_count	percentage_of_year
▶	2024	Action	1	33.33
	2024	Horror	1	33.33
	2024	Sci-fi	1	33.33
	2021	International TV Shows	149	11.47
	2020	International Movies	239	11.46
	2019	International Movies	282	12.52
	2018	International Movies	340	13.53
	2017	International Movies	328	15.18
	2016	International Movies	305	15.66
	2015	International Movies	210	16.38
	2014	International Movies	127	16.26
	2013	International Movies	121	18.82
	2012	International Movies	80	15.33
	2011	Dramas	60	14.74
	2010	International Movies	75	17.40
	2009	International Movies	50	14.58
	2008	Dramas	49	16.12

396 -- (17b) runner-up genres:

397 -----

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	release_year	top_genre	second_genre	third_genre
▶	2024	Sci-fi (1)	NULL	NULL
	2021	International TV Shows (149)	International Movies (141)	Dramas (92)
	2020	International Movies (239)	International TV Shows (214)	Dramas (195)
	2019	International Movies (282)	Dramas (243)	International TV Shows (201)
	2018	International Movies (340)	Dramas (304)	International TV Shows (190)
	2017	International Movies (328)	Dramas (285)	Documentaries (172)
	2016	International Movies (305)	Dramas (265)	Comedies (150)
	2015	International Movies (210)	Dramas (180)	Comedies (94)
	2014	International Movies (127)	Dramas (104)	Comedies (79)
	2013	International Movies (121)	Dramas (83)	Comedies (65)
	2012	International Movies (80)	Dramas (66)	Comedies (61)
	2011	Dramas (60)	International Movies (55)	Comedies (51)
	2010	International Movies (75)	Dramas (66)	Comedies (52)
	2009	International Movies (50)	Comedies (42)	Dramas (41)
	2008	Dramas (49)	International Movies (47)	Comedies (43)
	2007	International Movies (32)	Comedies (30)	Action & Adventure (15)
	2006	International Movies (41)	Dramas (36)	Comedies (35)

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441 -- (18a) Content Share by Show Type Over Time
442 -- Analyze the proportion of Movies vs. TV Shows added every year.
443 -----
```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

	year_added	total_content	movies	tv_shows	movie_percentage	tv_show_percentage
▶	2024	2	1	1	50.00	50.00
	2021	1498	993	505	66.29	33.71
	2020	1878	1284	594	68.37	31.63
	2019	1999	1424	575	71.24	28.76
	2018	1625	1237	388	76.12	23.88
	2017	1164	839	325	72.08	27.92
	2016	418	253	165	60.53	39.47
	2015	73	56	17	76.71	23.29
	2014	23	19	4	82.61	17.39
	2013	10	6	4	60.00	40.00
	2012	3	3	0	100.00	0.00
	2011	13	13	0	100.00	0.00
	2010	1	1	0	100.00	0.00
	2009	2	2	0	100.00	0.00
	2008	2	1	1	50.00	50.00
	NULL	88	0	88	0.00	100.00

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	year_added	total_content	movies	tv_shows	movie_percentage	tv_show_percentage	movie_growth	tv_show_growth
▶	2024	2	1	1	50.00	50.00	-99.90	-99.80
	2021	1498	993	505	66.29	33.71	-22.66	-14.98
	2020	1878	1284	594	68.37	31.63	-9.83	3.30
	2019	1999	1424	575	71.24	28.76	15.12	48.20
	2018	1625	1237	388	76.12	23.88	47.44	19.38
	2017	1164	839	325	72.08	27.92	231.62	96.97
	2016	418	253	165	60.53	39.47	351.79	870.59
	2015	73	56	17	76.71	23.29	194.74	325.00
	2014	23	19	4	82.61	17.39	216.67	0.00
	2013	10	6	4	60.00	40.00	100.00	NULL
	2012	3	3	0	100.00	0.00	-76.92	NULL
	2011	13	13	0	100.00	0.00	1200.00	NULL
	2010	1	1	0	100.00	0.00	-50.00	NULL
	2009	2	2	0	100.00	0.00	100.00	-100.00
	2008	2	1	1	50.00	50.00	NULL	-98.86
	NULL	88	0	88	0.00	100.00	NULL	NULL

```
486 -- (19) Directors with Most Content by Genre
```

```
487 -- Find the top directors producing content for each genre.
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	genre	director	content_count
▶	Children & Family Movies	Rajiv Chilaka	19
	Stand-Up Comedy	RaÃ¶ Campos, Jan ...	18
	International Movies	Cathy Garcia-Molina	13
	Dramas	Youssef Chahine	12
	Action & Adventure	Don Michael Paul	9
	Comedies	David Dhawan	9
	Classic Movies	Youssef Chahine	8
	Romantic Movies	Cathy Garcia-Molina	8
	Anime Features	Toshiya Shinohara	7
	Documentaries	Vlad Yudin	6
	Music & Musicals	Matt Askem	6
	Faith & Spirituality	David Batty	5
	Horror Movies	Rocky Soraya	5
	Independent Movies	Noah Baumbach	5
	Independent Movies	Paul Thomas Ander...	5
	Sports Movies	Vlad Yudin	4
	Thrillers	David Fincher	4

```
520 -- (20) Identify Content Gaps
521 -- List genres or countries with no content added in the last 2 years.
522 -----
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



countries_with_no_recent_content

▶ South Africa

India

Burkina Faso

Ghana

United Kingdom

Czech Republic

Germany

Mexico

Turkey

Australia

France

Finland

Canada

China

Japan

Nigeria

Spain

580 -- (21) Audience Retention Analysis by Content Duration

581 -- Problem: Categorize movies into buckets based on their duration and analyze their count.

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	duration_bucket	movie_count	percentage
►	Under 1 hour	487	7.95
	1-1.5 hours	1503	24.52
	1.5-2 hours	2997	48.90
	2-2.5 hours	897	14.64
	2.5-3 hours	198	3.23
	Over 3 hours	47	0.77

624 -- (22) How many movies and TV shows are there in the dataset? Display the count for each type

625 -----

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	type	count
▶	Movie	6132
	TV Show	2677

633 -- (23) What percentage of content doesn't have a country associated with it?

634 -----

Result Grid



Filter Rows:

Export:




Wrap Cell Content:



	percentage_without_country
▶	0.0943

```
642 -- (24) Find the top 3 directors with the most content on Netflix. Display the director's name,
643 -- the count of their titles, and the year of their most recent content.
644 -----
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	director	title_count	most_recent_year
▶	Rajiv Chilaka	19	2018
	RaÃ¶ Campos, Jan ...	18	2018
	Marcus Raboy	16	2020

```
668 -- (25) For each year from 2015 to 2021, calculate the percentage of movies vs TV shows added to Netflix.
669 -----
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	year	movie_percentage	tv_show_percentage
▶	2015	0.7671	0.2329
	2016	0.6053	0.3947
	2017	0.7208	0.2792
	2018	0.7612	0.2388
	2019	0.7124	0.2876
	2020	0.6837	0.3163
	2021	0.6629	0.3371

```
691 -- (26) Calculate the average month-over-month growth rate of content added to Netflix
692 -- for each genre. What are the top 5 fastest growing genres?
693 -----
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	genre	avg_growth_rate
▶	Classic Movies	1.09798710
	British TV Shows	0.70149508
	Romantic TV Shows	0.54139104
	Children & Family Movies	0.47148108
	Science & Nature TV	0.46851778

```

742  -- (27) New Content Added by Rating Over the Years
743  -- Problem: Track the trends of content addition by rating year by year.
744  -----
745

```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	added_year	rating	content_count	percentage_in_year
▶	2020	TV-14	1	100.00
	2019	TV-MA	7	41.18
	2019	TV-G	4	23.53
	2019	TV-PG	4	23.53
	2019	TV-14	2	11.76
	2018	TV-MA	8	33.33
	2018	TV-PG	5	20.83
	2018	TV-14	3	12.50
	2018	TV-G	3	12.50
	2018	TV-Y	3	12.50
	2018	TV-Y7	2	8.33
	2017	TV-PG	10	41.67
	2017	TV-14	7	29.17
	2017	TV-MA	3	12.50
	2017	TV-Y	2	8.33
	2017	NR	1	4.17
	2017	TV-G	1	4.17

```

771 -- (28) Genre-Country Matrix
772 -- Problem: Create a matrix of the number of titles by genre and country.
773 -----

```

Result Grid  Filter Rows: | Export:  | Wrap Cell Content: 

	genre	United States	India	United Kingdom	Canada	France
▶	Action	0	0	0	0	0
	Action & Adventure	398	136	80	41	37
	Anime Features	7	0	0	0	0
	Anime Series	18	0	0	2	0
	British TV Shows	22	2	225	1	1
	Children & Family Movies	384	25	44	79	22
	Classic & Cult TV	17	0	7	4	0
	Classic Movies	80	11	16	0	6
	Comedies	674	323	90	91	49
	Crime TV Shows	144	9	48	15	23
	Cult Movies	52	5	7	6	2
	Documentaries	499	27	125	42	41
	Docuseries	191	8	89	9	7
	Drama	1	0	0	0	0
	Dramas	808	661	189	77	161
	Faith & Spirituality	41	4	5	3	2
	...	-	-	-	-	-

```
826 -- (29) Top Keywords in Descriptions
827 -- Problem: Identify the most frequently used keywords in the descriptions.
828 -----
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	keyword	frequency
►	his	2026
	when	1288
	her	1147
	after	890
	their	809
	young	612
	he	481
	into	435
	who	430
	two	411