Netflix___Data_Exploration____Basic

February 18, 2023

```
[44]: import numpy as np
      import pandas as pd
      import seaborn as sns
      import matplotlib.pyplot as plt
[45]: df=pd.read_csv('netflix.csv')
[46]: df.head(10)
[46]:
                                                        title
        show_id
                     type
      0
             s1
                   Movie
                                        Dick Johnson Is Dead
      1
             s2
                 TV Show
                                               Blood & Water
      2
             s3
                 TV Show
                                                   Ganglands
      3
             s4
                 TV Show
                                       Jailbirds New Orleans
                                                Kota Factory
      4
             s5
                 TV Show
      5
                 TV Show
                                               Midnight Mass
             s6
      6
             s7
                   Movie
                           My Little Pony: A New Generation
      7
             s8
                   Movie
      8
             s9
                 TV Show
                              The Great British Baking Show
      9
            s10
                   Movie
                                                The Starling
                               director
      0
                        Kirsten Johnson
      1
                                     NaN
      2
                        Julien Leclercq
      3
                                     NaN
      4
                                    NaN
      5
                          Mike Flanagan
      6
         Robert Cullen, José Luis Ucha
      7
                           Haile Gerima
      8
                        Andy Devonshire
      9
                         Theodore Melfi
                                                         cast \
      0
                                                          NaN
         Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban...
      1
      2
         Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi...
                                                          NaN
```

```
4 Mayur More, Jitendra Kumar, Ranjan Raj, Alam K...
 Kate Siegel, Zach Gilford, Hamish Linklater, H...
 Vanessa Hudgens, Kimiko Glenn, James Marsden, ...
   Kofi Ghanaba, Oyafunmike Ogunlano, Alexandra D...
  Mel Giedroyc, Sue Perkins, Mary Berry, Paul Ho...
   Melissa McCarthy, Chris O'Dowd, Kevin Kline, T...
                                                                 date_added \
                                               country
0
                                                        September 25, 2021
                                         United States
1
                                          South Africa
                                                         September 24, 2021
2
                                                   {\tt NaN}
                                                         September 24, 2021
3
                                                   NaN
                                                        September 24, 2021
4
                                                 India
                                                        September 24, 2021
5
                                                   NaN
                                                         September 24, 2021
6
                                                         September 24, 2021
                                                   NaN
7
   United States, Ghana, Burkina Faso, United Kin...
                                                      September 24, 2021
8
                                                         September 24, 2021
                                        United Kingdom
9
                                         United States
                                                         September 24, 2021
                          duration
   release_year rating
0
           2020 PG-13
                            90 min
           2021
                 TV-MA
1
                         2 Seasons
2
           2021
                 TV-MA
                          1 Season
           2021
3
                 TV-MA
                          1 Season
           2021
                         2 Seasons
4
                 TV-MA
5
           2021
                 TV-MA
                          1 Season
                            91 min
6
           2021
                     PG
7
           1993
                 TV-MA
                           125 min
8
           2021
                 TV-14
                         9 Seasons
           2021
9
                 PG-13
                           104 min
                                             listed_in \
0
                                         Documentaries
     International TV Shows, TV Dramas, TV Mysteries
1
   Crime TV Shows, International TV Shows, TV Act...
2
3
                               Docuseries, Reality TV
   International TV Shows, Romantic TV Shows, TV ...
4
5
                  TV Dramas, TV Horror, TV Mysteries
6
                             Children & Family Movies
7
    Dramas, Independent Movies, International Movies
8
                         British TV Shows, Reality TV
9
                                      Comedies, Dramas
                                           description
  As her father nears the end of his life, filmm...
   After crossing paths at a party, a Cape Town t...
   To protect his family from a powerful drug lor...
```

- 3 Feuds, flirtations and toilet talk go down amo...
- 4 In a city of coaching centers known to train I...
- 5 The arrival of a charismatic young priest brin...
- 6 Equestria's divided. But a bright-eyed hero be...
- 7 On a photo shoot in Ghana, an American model s...
- 8 A talented batch of amateur bakers face off in...
- 9 A woman adjusting to life after a loss contend...

[47]: df.info()

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 8807 entries, 0 to 8806
Data columns (total 12 columns):

#	Column	Non-Null Count	Dtype
0	show_id	8807 non-null	object
1	type	8807 non-null	object
2	title	8807 non-null	object
3	director	6173 non-null	object
4	cast	7982 non-null	object
5	country	7976 non-null	object
6	date_added	8797 non-null	object
7	release_year	8807 non-null	int64
8	rating	8803 non-null	object
9	duration	8804 non-null	object
10	listed_in	8807 non-null	object
11	description	8807 non-null	object
dtvp	es: int64(1),	object(11)	

dtypes: int64(1), object(11) memory usage: 825.8+ KB

[48]: df.shape

[48]: (8807, 12)

[49]: df.describe()

```
[49]:
             release_year
              8807.000000
      count
              2014.180198
      mean
      std
                  8.819312
              1925.000000
      min
      25%
              2013.000000
      50%
              2017.000000
      75%
              2019.000000
              2021.000000
      max
```

[50]: df.describe(include='object').T

```
[50]:
                   count unique
                                                                                  top \
                           8807
      show_id
                   8807
                                                                                   s1
      type
                   8807
                              2
                                                                               Movie
      title
                   8807
                           8807
                                                                Dick Johnson Is Dead
      director
                           4528
                                                                       Rajiv Chilaka
                   6173
      cast
                   7982
                           7692
                                                                  David Attenborough
                                                                       United States
      country
                   7976
                            748
                           1767
                                                                     January 1, 2020
      date_added
                   8797
                   8803
                             17
                                                                               TV-MA
      rating
                   8804
                            220
      duration
                                                                            1 Season
      listed_in
                   8807
                            514
                                                       Dramas, International Movies
      description
                   8807
                           8775 Paranormal activity at a lush, abandoned prope...
                   freq
      show_id
      type
                   6131
      title
                       1
      director
                      19
      cast
                      19
      country
                   2818
      date_added
                     109
      rating
                   3207
      duration
                    1793
      listed_in
                     362
      description
                       4
[51]: df.isnull().sum()/len(df)*100
[51]: show_id
                        0.000000
      type
                        0.000000
      title
                        0.000000
      director
                       29.908028
      cast
                        9.367549
      country
                        9.435676
      date_added
                        0.113546
      release_year
                        0.000000
      rating
                        0.045418
      duration
                        0.034064
      listed_in
                        0.000000
      description
                        0.000000
      dtype: float64
[52]: df['type'].value_counts(normalize=True)*100
                 69.615079
[52]: Movie
```

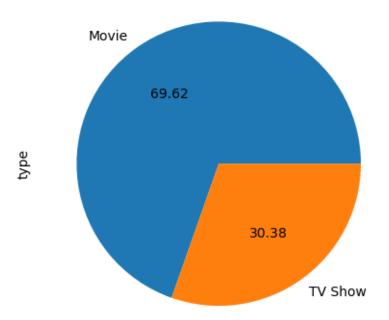
TV Show

30.384921

Name: type, dtype: float64

```
[53]: df['type'].value_counts().plot(kind='pie',autopct="%.2f")
```

[53]: <AxesSubplot:ylabel='type'>



```
[54]: df.head()
[54]:
        show_id
                    type
                                           title
                                                         director
                   Movie
                           Dick Johnson Is Dead
                                                 Kirsten Johnson
             s1
      1
             s2
                 TV Show
                                  Blood & Water
                                                              NaN
      2
                 TV Show
                                       Ganglands
             s3
                                                  Julien Leclercq
                          Jailbirds New Orleans
      3
             s4
                 TV Show
                                                              NaN
             s5
                 TV Show
                                   Kota Factory
                                                              NaN
                                                       cast
                                                                   country \
      0
                                                        NaN United States
       Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban...
                                                            South Africa
      1
         Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi...
                                                                     NaN
      3
                                                        NaN
                                                                       NaN
      4 Mayur More, Jitendra Kumar, Ranjan Raj, Alam K...
                                                                   India
                 date_added release_year rating
                                                    duration \
         September 25, 2021
                                     2020 PG-13
                                                      90 min
         September 24, 2021
                                     2021 TV-MA
                                                  2 Seasons
```

```
2 September 24, 2021
                                     2021 TV-MA
                                                    1 Season
      3 September 24, 2021
                                      2021 TV-MA
                                                    1 Season
      4 September 24, 2021
                                      2021 TV-MA
                                                  2 Seasons
                                                  listed_in \
      0
                                              Documentaries
      1
           International TV Shows, TV Dramas, TV Mysteries
         Crime TV Shows, International TV Shows, TV Act...
                                    Docuseries, Reality TV
      4 International TV Shows, Romantic TV Shows, TV ...
                                                description
      O As her father nears the end of his life, filmm...
      1 After crossing paths at a party, a Cape Town t...
      2 To protect his family from a powerful drug lor...
      3 Feuds, flirtations and toilet talk go down amo...
      4 In a city of coaching centers known to train I...
[85]: constraint=df['cast'].apply(lambda x: str(x).split(', ')).tolist()
      df new=pd.DataFrame(constraint,index=df['title'])
      df_new=df_new.stack()
      df_new=pd.DataFrame(df_new)
      df_new.reset_index(inplace=True)
      df_new=df_new[['title',0]]
      df_new.columns=['title','cast']
      df new
[85]:
                            title
                                                     cast
      0
             Dick Johnson Is Dead
                                                      nan
      1
                    Blood & Water
                                               Ama Qamata
      2
                    Blood & Water
                                              Khosi Ngema
      3
                    Blood & Water
                                            Gail Mabalane
                    Blood & Water
                                           Thabang Molaba
                           Zubaan
      64946
                                         Manish Chaudhary
      64947
                           Zubaan
                                             Meghna Malik
                           Zubaan
                                            Malkeet Rauni
      64948
                           Zubaan
                                           Anita Shabdish
      64949
```

[64951 rows x 2 columns]

[84]: df new[df new["cast"] == "Anupam Kher"] [84]: title cast 1606 Anupam Kher C Kkompany 1704 Kyaa Kool Hai Hum Anupam Kher 1718 Kyaa Super Kool Hain Hum Anupam Kher 1728 Kyo Kii... Main Jhuth Nahin Bolta Anupam Kher 5985 Silver Linings Playbook Anupam Kher 15063 Dil Anupam Kher 18151 Chashme Baddoor Anupam Kher 18315 Special 26 Anupam Kher 18650 Anupam Kher Prem Ratan Dhan Payo 18662 Vivah Anupam Kher 20434 One Day: Justice Delivered Anupam Kher 21603 Gori Tere Pyaar Mein Anupam Kher 21610 Gumrah Anupam Kher 21685 Kuch Kuch Hota Hai Anupam Kher 23391 Hum Aapke Hain Koun Anupam Kher Game Anupam Kher 24818 34309 Zokkomon Anupam Kher Anupam Kher 35340 Wake Up Sid 35876 Naam Shabana Anupam Kher 35967 Toilet: Ek Prem Katha Anupam Kher 36257 Rang De Basanti Anupam Kher 37011 Anupam Kher Aiyaary Paheli Anupam Kher 37592 38002 Anupam Kher Judwaa 2 38673 The Indian Detective Anupam Kher 41062 Oh Darling Yeh Hai India Anupam Kher 41297 Anupam Kher Chaahat 44745 A Family Man Anupam Kher 44961 A Wednesday Anupam Kher 47815 Chashme Buddoor Anupam Kher 51126 Hamara Dil Aapke Paas Hai Anupam Kher Anupam Kher 51292 Haseena Maan Jaayegi 52503 Jaan-E-Mann: Let's Fall in Love... Again Anupam Kher 52758 Judwaa Anupam Kher 53060 Anupam Kher Khalnayak 53074 Khosla Ka Ghosla Anupam Kher 53516 Kya Kehna Anupam Kher 54440 Mahabharat Anupam Kher 59857 Super Nani Anupam Kher 59989 Tahaan Anupam Kher

```
62696
                                                         Anupam Kher
                                          The Shaukeens
                                                         Anupam Kher
      64642
                                Y.M.I.: Yeh Mera India
      64685
                                 Yamla Pagla Deewana 2
                                                         Anupam Kher
     df_new.columns=['title','cast']
[81]: df_new[df_new['cast'] == 'Rupa Bhimani']
[81]:
                                                            title
                                                                           cast
                                                    Chhota Bheem
      313
                                                                   Rupa Bhimani
      708
                                                     Mighty Raju
                                                                   Rupa Bhimani
      3373
                                  Chhota Bheem - Dinosaur World
                                                                   Rupa Bhimani
      3379
                                   Chhota Bheem - Neeli Pahaadi
                                                                   Rupa Bhimani
      3386
                                           Chhota Bheem & Ganesh
                                                                   Rupa Bhimani
      3393
                             Chhota Bheem & Krishna: Mayanagari
                                                                   Rupa Bhimani
      3400
             Chhota Bheem & Krishna: Pataliputra- City of t...
                                                                 Rupa Bhimani
      3407
                             Chhota Bheem And The Broken Amulet
                                                                   Rupa Bhimani
      3414
                         Chhota Bheem And The Crown of Valhalla
                                                                   Rupa Bhimani
      3421
                           Chhota Bheem and the Incan Adventure
                                                                   Rupa Bhimani
      3428
                            Chhota Bheem and The ShiNobi Secret
                                                                   Rupa Bhimani
      3435
                                        Chhota Bheem Aur Hanuman
                                                                   Rupa Bhimani
      3442
                                        Chhota Bheem aur Krishna
                                                                   Rupa Bhimani
      3449
                            Chhota Bheem aur Krishna vs Zimbara
                                                                   Rupa Bhimani
      3455
                                 Chhota Bheem in African Safari
                                                                   Rupa Bhimani
                                  Chhota Bheem Ka Roosi Romanch
      3463
                                                                   Rupa Bhimani
                                                                   Rupa Bhimani
      3471
                                  Chhota Bheem: Bheem vs Aliens
      3478
                           Chhota Bheem: Dholakpur to Kathmandu
                                                                   Rupa Bhimani
      3485
                                        Chhota Bheem: Dus Pe Dus
                                                                   Rupa Bhimani
      3492
                                 Chhota Bheem: Journey to Petra
                                                                   Rupa Bhimani
      3498
                                Chhota Bheem: Master of Shaolin
                                                                   Rupa Bhimani
      3504
                              Chhota Bheem: The Rise of Kirmada
                                                                   Rupa Bhimani
      45767
                                          Antariksha Ke Rakhwale
                                                                   Rupa Bhimani
      47895
                                   Chhota Bheem Aur Kaala Yodha
                                                                   Rupa Bhimani
      47904
                               Chhota Bheem Ka Romani Adventure
                                                                   Rupa Bhimani
      47913
                                Chhota Bheem Ka Troll Se Takkar
                                                                   Rupa Bhimani
      47920
                                    Chhota Bheem Kungfu Dhamaka
                                                                   Rupa Bhimani
      53418
                                                  Krishna Balram
                                                                   Rupa Bhimani
      58346
                                                 Samudri Lootere
                                                                   Rupa Bhimani
      59835
                                                     Super Bheem
                                                                   Rupa Bhimani
      59841
                                     Super Bheem Bana Vajraveer
                                                                   Rupa Bhimani
     df_new[df_new.cast.str.contains('Rupa')]
[59]:
[59]:
                                                            title
                                                                             cast
      313
                                                    Chhota Bheem
                                                                    Rupa Bhimani
                                                                    Rupa Bhimani
      708
                                                     Mighty Raju
                                                                     Rupa Tamang
      2108
                                                          Pahuna
```

3373	Chhota Bheem - Dinosaur World	Runa	Bhimani
3379	Chhota Bheem - Neeli Pahaadi	-	Bhimani
3386	Chhota Bheem & Ganesh	-	Bhimani
3393	Chhota Bheem & Krishna: Mayanagari	-	Bhimani
3400	Chhota Bheem & Krishna: Pataliputra- City of t	Rupa Bi	
3407	Chhota Bheem And The Broken Amulet	•	Bhimani
3414	Chhota Bheem And The Crown of Valhalla	Rupa	Bhimani
3421	Chhota Bheem and the Incan Adventure	-	Bhimani
3428	Chhota Bheem and The ShiNobi Secret	Rupa	Bhimani
3435	Chhota Bheem Aur Hanuman	Rupa	Bhimani
3442	Chhota Bheem aur Krishna	_	Bhimani
3449	Chhota Bheem aur Krishna vs Zimbara	Rupa	Bhimani
3455	Chhota Bheem in African Safari	Rupa	Bhimani
3463	Chhota Bheem Ka Roosi Romanch	Rupa	Bhimani
3471	Chhota Bheem: Bheem vs Aliens	Rupa	Bhimani
3478	Chhota Bheem: Dholakpur to Kathmandu	Rupa	Bhimani
3485	Chhota Bheem: Dus Pe Dus	Rupa	Bhimani
3492	Chhota Bheem: Journey to Petra	Rupa	Bhimani
3498	Chhota Bheem: Master of Shaolin	Rupa	Bhimani
3504	Chhota Bheem: The Rise of Kirmada	Rupa	${\tt Bhimani}$
34026	Barfi!	Rupa	Ganguly
35016	Haani	Rı	ıpan Bal
43471	X: Past Is Present	Pooja	Ruparel
45767	Antariksha Ke Rakhwale	Rupa	${\tt Bhimani}$
47895	Chhota Bheem Aur Kaala Yodha	Rupa	${\tt Bhimani}$
47904	Chhota Bheem Ka Romani Adventure	Rupa	${\tt Bhimani}$
47913	Chhota Bheem Ka Troll Se Takkar	Rupa	${\tt Bhimani}$
47920	Chhota Bheem Kungfu Dhamaka	Rupa	${\tt Bhimani}$
53418	Krishna Balram	Rupa	${\tt Bhimani}$
58346	Samudri Lootere	Rupa	${\tt Bhimani}$
59835	Super Bheem	Rupa	${\tt Bhimani}$
59841	Super Bheem Bana Vajraveer	Rupa	${\tt Bhimani}$

[60]: df_new.cast.value_counts()

nan	825	
Anupam Kher	43	
Shah Rukh Khan	35	
Julie Tejwani	33	
Naseeruddin Shah	32	
Melanie Straub	1	
Gabriela Maria Schmeide	1	
Helena Zengel	1	
Daniel Valenzuela	1	
Chittaranjan Tripathy	1	
Name: cast, Length: 36440	, dtype:	int64
	Anupam Kher Shah Rukh Khan Julie Tejwani Naseeruddin Shah Melanie Straub Gabriela Maria Schmeide Helena Zengel Daniel Valenzuela Chittaranjan Tripathy	Anupam Kher 43 Shah Rukh Khan 35 Julie Tejwani 33 Naseeruddin Shah 32 Melanie Straub 1 Gabriela Maria Schmeide 1 Helena Zengel 1 Daniel Valenzuela 1

```
[61]: df.cast.value_counts()
[61]: David Attenborough
      Vatsal Dubey, Julie Tejwani, Rupa Bhimani, Jigna Bhardwaj, Rajesh Kava, Mousam,
      Swapnil
      14
      Samuel West
      10
      Jeff Dunham
      David Spade, London Hughes, Fortune Feimster
      Michael Peña, Diego Luna, Tenoch Huerta, Joaquin Cosio, José María Yazpik, Matt
     Letscher, Alyssa Diaz
      Nick Lachey, Vanessa Lachey
      Takeru Sato, Kasumi Arimura, Haru, Kentaro Sakaguchi, Takayuki Yamada, Kendo
      Kobayashi, Ken Yasuda, Arata Furuta, Suzuki Matsuo, Koichi Yamadera, Arata Iura,
      Chikako Kaku, Kotaro Yoshida
      Toyin Abraham, Sambasa Nzeribe, Chioma Chukwuka Akpotha, Chioma Omeruah,
      Chiwetalu Agu, Dele Odule, Femi Adebayo, Bayray McNwizu, Biodun Stephen
      Vicky Kaushal, Sarah-Jane Dias, Raaghav Chanana, Manish Chaudhary, Meghna Malik,
      Malkeet Rauni, Anita Shabdish, Chittaranjan Tripathy
      Name: cast, Length: 7692, dtype: int64
[62]: df_cast=df.reset_index().merge(df_new, on='title', how='inner')
[63]: df_cast[df_cast['cast_y'] == 'Anupam Kher']
                                                                          title \
[63]:
             index show_id
                               type
      1606
               192
                      s193
                              Movie
                                                                     C Kkompany
      1704
               202
                      s203
                              Movie
                                                             Kyaa Kool Hai Hum
      1718
               204
                      s205
                              Movie
                                                      Kyaa Super Kool Hain Hum
                                             Kyo Kii... Main Jhuth Nahin Bolta
      1728
               205
                      s206
                              Movie
      5985
               702
                                                       Silver Linings Playbook
                      s703
                              Movie
      15063
              1861
                     s1862
                              Movie
                                                                            Dil
      18151
              2270
                     s2271
                              Movie
                                                               Chashme Baddoor
      18315
              2289
                     s2290
                              Movie
                                                                    Special 26
      18650
              2339
                     s2340
                              Movie
                                                          Prem Ratan Dhan Payo
      18662
              2340
                     s2341
                              Movie
                                                                          Vivah
      20434
              2564
                     s2565
                              Movie
                                                    One Day: Justice Delivered
      21603
              2724
                                                          Gori Tere Pyaar Mein
                     s2725
                              Movie
```

21610 2725 82726	01610	0705	-0706	M	(I
23391 2957 32958					
24818 3136 s3437 Movie Game 34309 4466 s4467 Movie Zokkomon 35340 4612 s4613 Movie Wake Up Sid 35876 4679 s4680 Movie Naam Shabana 35967 4694 s4695 Movie Rang De Basanti 37011 4860 s4861 Movie Atyaary 37592 4955 s4956 Movie Paheli 38002 5009 s5010 Movie Judwaa 2 38673 5118 s5119 TV Show The Indian Detective 41062 5460 s5461 Movie Oh Darling Yeh Hai India 41297 5499 s5500 Movie A Family Man 44745 6034 s6035 Movie A Wednesdhad 47815 6449 s6450 Movie A Hamara Dil Aapke Paas Hai 51292 6936 s6937 Movie Hamara Dil Aapke Paas Hai 52758 7148					
34309					
35340 4612 s4613 Movie Make Up Sid					
35876 4679					
35967 4694 s4695 Movie Rang De Basanti					-
36257 4732 84733 Movie Rang De Basanti 37011 4860 84861 Movie Aiyaary 37592 4955 84956 Movie Paheli 38002 5009 85010 Movie Judwaa 2 38673 5118 85119 TV Show The Indian Detective 41062 5460 85461 Movie Oh Darling Yeh Hai India 41297 5499 85500 Movie Chashme 44745 6034 86035 Movie A Family Man 44961 6063 86064 Movie A Wednesday 47815 6449 86450 Movie Chashme Buddoor 51126 6912 86913 Movie Hamara Dil Aapke Paas Hai 51292 6936 86937 Movie Haseena Maan Jaayegi 52503 7109 87110 Movie Jaan-E-Mann: Let's Fall in Love Again 52758 7144 87145 Movie Khalaayak 53060 7183 87184 Movie Khosla Ka Ghosla 53060 7183 87184 Movie Khosla Ka Ghosla 53516 7247 87248 Movie Khosla Ka Ghosla 53516 7247 87248 Movie Khosla Ka Ghosla 53516 7247 87248 Movie Mahabharat 59857 8124 88125 Movie Mahabharat 59858 8145 88146 Movie Movie The Shaukeens 64642 8769 88770 Movie The Shaukeens 64642 8769 88770 Movie Y.M.I.: Yeh Mera India 64685 8772 88773 Movie Yamla Pagla Deewana 2 director \ 6066 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1708 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 18663 Punit Malhotra 186160 Punit Malhotra 186161 Mahesh Bhatt					
37011 4860 s4861 Movie Aiyaary 37592 4955 s4956 Movie Paheli 38002 5009 s5010 Movie Judwaa 2 38673 5118 s5119 TV Show The Indian Detective 41062 5460 s5461 Movie Oh Darling Yeh Hai India 41297 5499 s5500 Movie A Family Man 44745 6034 s6035 Movie A Family Man 44961 6063 s6064 Movie A Wednesday 47815 6449 s6450 Movie Chashme Buddoor 51126 6912 s6913 Movie Hamara Dil Aapke Paas Hai 51292 6936 s6937 Movie Hamara Dil Aapke Paas Hai 51292 6936 s6937 Movie Hamara Dil Aapke Paas Hai 51292 6936 s6937 Movie Haseena Maan Jaayegi 52503 7109 s7110 Movie Jaan-E-Mann: Let's Fall in Love Again 52758 7144 s7145 Movie Khalnayak 53074 7186 s7187 Movie Khosla Ka Ghosla 53516 7247 s7248 Movie Khosla Ka Ghosla 53516 7247 s7248 Movie Mahabharat 59857 8124 s8125 Movie Mahabharat 59857 8124 s8125 Movie Mahabharat 59857 8124 s8125 Movie Tahaan 62696 8504 s8505 Movie The Shaukeens 64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 director \ director \ 1606 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1708 David Dhawan 1718 Sachin Yardi 1728 David Dhawan 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 18663 Punit Malhotra 18161 Mahesh Bhatt					
37592					
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Safit	37592			Movie	
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11297 5499 55500 Movie A Family Man	38673	5118	s5119	TV Show	The Indian Detective
44745 6034 s6035 Movie A Family Man 44961 6063 s6064 Movie A Wednesday 47815 6449 s6450 Movie Chashme Buddoor 51126 6912 s6913 Movie Hamara Dil Aapke Paas Hai 51292 6936 s6937 Movie Haseena Maan Jaayegi 52503 7109 s7110 Movie Jaan-E-Mann: Let's Fall in Love Again 52758 7144 s7145 Movie Khalnayak 53060 7183 s7187 Movie Khosla Ka Ghosla 53074 7186 s7187 Movie Khosla Ka Ghosla 53516 7247 s7248 Movie Kya Kehna 54440 7380 s7381 Movie Super Nani 59857 8124 s8125 Movie Tahaan 62696 8504 s8505 Movie Y.M.I.: Yeh Mera India 64682 8772 s8773 Movie Yamla Pagla Deewan 2 <td< td=""><td>41062</td><td>5460</td><td>s5461</td><td>Movie</td><td>Oh Darling Yeh Hai India</td></td<>	41062	5460	s5461	Movie	Oh Darling Yeh Hai India
44961 6063 s6064 Movie A Wednesday 47815 6449 s6450 Movie Chashme Buddoor 51126 6912 s6913 Movie Hamara Dil Aapke Paas Hai 51292 6936 s6937 Movie Haseena Maan Jaayegi 52503 7109 s7110 Movie Jaan-E-Mann: Let's Fall in Love Again 52758 7144 s7145 Movie 52758 7144 s7145 Movie 52758 7144 s7145 Movie 53060 7183 s7184 Movie Khalnayak 53074 7186 s7187 Movie Khosla Ka Ghosla 53516 7247 s7248 Movie Kya Kehna 54440 7380 s7381 Movie Mahabharat 59857 8124 s8125 Movie 52696 8504 s8505 Movie 62696 8504 s8505 Movie 62696 8504 s8505 Movie 64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 **Girector** **Girector** **Colored Colored C	41297	5499	s5500	Movie	Chaahat
### Chashme Buddoor ### Chashme Buddoor ### Seena ### Seena	44745	6034	s6035	Movie	A Family Man
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Single S	47815	6449	s6450	Movie	Chashme Buddoor
52503 7109 s7110 Movie Jaan-E-Mann: Let's Fall in Love Again 52758 7144 s7145 Movie Judwaa 53060 7183 s7184 Movie Khalnayak 53074 7186 s7187 Movie Khosla Ka Ghosla 53516 7247 s7248 Movie Kya Kehna 54440 7380 s7381 Movie Mahabharat 59857 8124 s8125 Movie Super Nani 59889 8145 s8146 Movie The Shaukeens 64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 director \ 1606 Sachin Yardi 1704 Sangeeth Sivan Yamla Pagla Deewana 2 5985 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18515 Neeraj Pandey 18650 Soo	51126	6912	s6913	Movie	Hamara Dil Aapke Paas Hai
52758 7144 s7145 Movie Judwaa 53060 7183 s7184 Movie Khalnayak 53074 7186 s7187 Movie Khosla Ka Ghosla 53516 7247 s7248 Movie Kya Kehna 54440 7380 s7381 Movie Mahabharat 59857 8124 s8125 Movie Super Nani 5989 8145 s8146 Movie Tahaan 62696 8504 s8505 Movie The Shaukeens 64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 The Shaukeens director Adirector Adirector Adirector Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	51292	6936	s6937	Movie	Haseena Maan Jaayegi
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54440 7380 s7381 Movie Mahabharat 59857 8124 s8125 Movie Super Nani 59989 8145 s8146 Movie Tahaan 62696 8504 s8505 Movie Y.M.I.: Yeh Mera India 64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 director \ 1606 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	53074	7186	s7187	Movie	Khosla Ka Ghosla
59857 8124 s8125 Movie Tahaan 59989 8145 s8146 Movie Tahaan 62696 8504 s8505 Movie Y.M.I.: Yeh Mera India 64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 director \ 1606 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	53516	7247	s7248	Movie	Kya Kehna
59989 8145 s8146 Movie Tahaan 62696 8504 s8505 Movie The Shaukeens 64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 director 1606 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	54440	7380	s7381	Movie	Mahabharat
62696 8504 s8505 Movie 64642 8769 s8770 Movie 64685 8772 s8773 Movie director \ 1606 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	59857	8124	s8125	Movie	Super Nani
64642 8769 s8770 Movie Y.M.I.: Yeh Mera India 64685 8772 s8773 Movie Yamla Pagla Deewana 2 director \ 1606 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	59989	8145	s8146	Movie	Tahaan
director	62696	8504	s8505	Movie	The Shaukeens
director \ 1606 Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	64642	8769	s8770	Movie	Y.M.I.: Yeh Mera India
Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	64685	8772	s8773	Movie	Yamla Pagla Deewana 2
Sachin Yardi 1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt					
1704 Sangeeth Sivan 1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt					\
1718 Sachin Yardi 1728 David Dhawan 5985 David O. Russell 15063 Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt					
David Dhawan David O. Russell I5063 Indra Kumar David Dhawan David Dhawan Sooraj R. Barjatya Sooraj R. Barjatya Reference Sooraj R. Barjatya Ashok Nanda Punit Malhotra Mahesh Bhatt					
David O. Russell Indra Kumar David Dhawan Reraj Pandey Sooraj R. Barjatya Sooraj R. Barjatya Sooraj R. Barjatya Ashok Nanda Punit Malhotra Mahesh Bhatt					
Indra Kumar 18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	1728				
18151 David Dhawan 18315 Neeraj Pandey 18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt		David O. Russell			
Neeraj Pandey Sooraj R. Barjatya Sooraj R. Barjatya Ashok Nanda Punit Malhotra Mahesh Bhatt	15063				
18650 Sooraj R. Barjatya 18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt					
18662 Sooraj R. Barjatya 20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt		Neeraj Pandey			
20434 Ashok Nanda 21603 Punit Malhotra 21610 Mahesh Bhatt	18650	Sooraj R. Barjatya			
21603 Punit Malhotra 21610 Mahesh Bhatt	18662	Sc	ooraj R.	Barjatya	
21610 Mahesh Bhatt	20434		As	hok Nanda	
	21603		Punit	Malhotra	
21685 Karan Johan	21610		Mah	esh Bhatt	
	21685		Ka	ran Johar	

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23391
            Sooraj R. Barjatya
24818
                    Abhinay Deo
34309
              Satyajit Bhatkal
35340
                Ayaan Mukherji
                    Shivam Nair
35876
35967
           Shree Narayan Singh
36257
       Rakeysh Omprakash Mehra
37011
                  Neeraj Pandey
37592
                   Amol Palekar
                   David Dhawan
38002
38673
                            NaN
41062
                    Ketan Mehta
                  Mahesh Bhatt
41297
44745
                  Mark Williams
44961
                  Neeraj Pandey
47815
                  David Dhawan
51126
                Satish Kaushik
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                   David Dhawan
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                Shirish Kunder
                   David Dhawan
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                   Subhash Ghai
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              Dibakar Banerjee
53516
                    Kundan Shah
54440
                     Amaan Khan
                    Indra Kumar
59857
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                  Santosh Sivan
62696
                Abhishek Sharma
64642
                     N. Chandra
64685
                Sangeeth Sivan
                                                     cast_x \
       Mithun Chakraborty, Tusshar Kapoor, Anupam Khe...
1606
1704
       Tusshar Kapoor, Riteish Deshmukh, Isha Koppika...
1718
       Tusshar Kapoor, Riteish Deshmukh, Anupam Kher,...
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       Govinda, Sushmita Sen, Rambha, Anupam Kher, Sa...
5985
       Bradley Cooper, Jennifer Lawrence, Robert De N...
       Aamir Khan, Madhuri Dixit, Saeed Jaffrey, Deve...
15063
18151
       Rishi Kapoor, Ali Zafar, Taapsee Pannu, Siddha...
18315
       Akshay Kumar, Manoj Bajpayee, Anupam Kher, Jim...
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       Salman Khan, Sonam Kapoor, Anupam Kher, Neil N...
       Shahid Kapoor, Amrita Rao, Anupam Kher, Alok N...
18662
20434
       Anupam Kher, Esha Gupta, Kumud Mishra, Kashyap...
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Imran Khan, Kareena Kapoor, Nizhalgal Ravi, An...

Sanjay Dutt, Sridevi, Anupam Kher, Rahul Roy, ...

Shah Rukh Khan, Kajol, Rani Mukerji, Farida Ja... Madhuri Dixit, Salman Khan, Mohnish Bahl, Renu...

Abhishek Bachchan, Kangana Ranaut, Anupam Kher...

21603

21610

21685

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       Darsheel Safary, Anupam Kher, Manjari Fadnis, ...
35340
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       Tapsee Pannu, Akshay Kumar, Manoj Bajpayee, Pr...
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       Akshay Kumar, Bhumi Pednekar, Divyendu Sharma,...
       Aamir Khan, Siddharth, Atul Kulkarni, Sharman ...
36257
37011
       Sidharth Malhotra, Manoj Bajpayee, Rakul Preet...
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       Shah Rukh Khan, Rani Mukerji, Anupam Kher, Dil...
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       Varun Dhawan, Jacqueline Fernandez, Tapsee Pan...
       Russell Peters, Anupam Kher, Christina Cole, M...
38673
41062
       Shah Rukh Khan, Deepa Sahi, Javed Jaffrey, Anu...
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       Naseeruddin Shah, Shah Rukh Khan, Pooja Bhatt,...
44745
       Gerard Butler, Gretchen Mol, Alison Brie, Will...
       Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
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       Ali Zafar, Siddharth, Divyendu Sharma, Tapsee ...
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       Anil Kapoor, Aishwarya Rai Bachchan, Sonali Be...
       Sanjay Dutt, Govinda, Karisma Kapoor, Pooja Ba...
51292
52503
       Salman Khan, Akshay Kumar, Preity Zinta, Anupa...
       Salman Khan, Karisma Kapoor, Rambha, Kader Kha...
52758
53060
       Sanjay Dutt, Madhuri Dixit, Jackie Shroff, Anu...
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       Preity Zinta, Saif Ali Khan, Anupam Kher, Fari...
       Amitabh Bachchan, Ajay Devgn, Vidya Balan, Sha...
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       Purav Bhandare, Anupam Kher, Rahul Bose, Victo...
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62696
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       Anupam Kher, Atul Kulkarni, Aakash Pandey, Mil...
64685
       Dharmendra, Sunny Deol, Bobby Deol, Neha Sharm...
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1606	India	August 27,	2021	2008	TV-14	
1704	India	August 27,	2021	2005	TV-MA	
1718	India	August 27,	2021	2012	TV-MA	
1728	India	August 27,	2021	2001	TV-14	
5985	United States	June 17,	2021	2012	R	
15063	India	October 12,	2020	1990	TV-14	
18151	India	July 5,	2020	2013	TV-14	
18315	India	July 5,	2020	2013	TV-PG	
18650	India	June 25,	2020	2015	TV-14	
18662	India	June 25,	2020	2006	TV-14	
20434	India	May 3,	2020	2019	TV-14	
21603	India	April 1,	2020	2013	TV-14	
21610	India	April 1,	2020	1993	TV-14	
21685	India	April 1,	2020	1998	TV-14	
23391	India	February 1,	2020	1994	TV-14	
24818	India	December 15,	2019	2011	TV-14	
34309	India	November 1,	2018	2011	PG	
35340	India	October 1,	2018	2009	TV-14	

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35876
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35967
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36257
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37592
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38002
                                            March 1, 2018
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41062
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41297
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44745
                Canada, United States
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                                India
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47815
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51126
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51292
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52503
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52758
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53060
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53516
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59857
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59989
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64685
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       duration
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1606
                 Action & Adventure, Comedies, International Mo...
        127 min
        165 min
1704
                   Comedies, International Movies, Music & Musicals
1718
        136 min
                                      Comedies, International Movies
1728
        150 min
                   Comedies, International Movies, Sci-Fi & Fantasy
5985
        122 min
                               Comedies, Dramas, Independent Movies
15063
        165 min
                             Comedies, Dramas, International Movies
18151
        121 min
                   Comedies, International Movies, Music & Musicals
18315
        137 min
                            Dramas, International Movies, Thrillers
18650
        164 min
                   Action & Adventure, Dramas, International Movies
                      Dramas, International Movies, Romantic Movies
18662
        166 min
        120 min
20434
                                        Dramas, International Movies
21603
        144 min
                             Comedies, Dramas, International Movies
21610
        149 min
                   Action & Adventure, Dramas, International Movies
                             Comedies, Dramas, International Movies
21685
        185 min
23391
        193 min
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24818
        135 min
                                    International Movies, Thrillers
34309
        104 min
                                   Children & Family Movies, Dramas
35340
        132 min
                    Comedies, International Movies, Romantic Movies
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35876

35967

141 min

145 min

Action & Adventure, International Movies

Comedies, Dramas, International Movies

36257 159 min Dramas, International Movies 37011 Action & Adventure, Dramas, International Movies 158 min 37592 134 min Dramas, International Movies, Romantic Movies 38002 145 min Action & Adventure, Comedies, International Mo... 38673 1 Season Crime TV Shows, International TV Shows, TV Com... 41062 154 min Action & Adventure, Comedies, International Mo... 41297 148 min Dramas, International Movies, Romantic Movies 44745 110 min Dramas 44961 103 min Action & Adventure, Dramas, International Movies 47815 121 min Comedies, International Movies, Music & Musicals 51126 158 min Dramas, International Movies, Music & Musicals 51292 151 min Action & Adventure, Comedies, Dramas 52503 163 min Dramas, International Movies, Romantic Movies 52758 133 min Comedies, International Movies, Romantic Movies 53060 170 min Action & Adventure, Dramas, International Movies 53074 124 min Comedies, Dramas, International Movies 53516 149 min Dramas, International Movies, Romantic Movies 54440 119 min Action & Adventure, Dramas, International Movies 59857 127 min Comedies, Dramas, International Movies 59989 95 min Dramas, International Movies 62696 123 min Comedies, International Movies, Music & Musicals 64642 137 min Dramas, Independent Movies, International Movies 64685 Action & Adventure, Comedies, International Mo... 147 min

description cast_y

1606 Three broke friends pose as an underworld gang... Anupam Kher 1704 Longtime friends Rahul and Karan head to Mumba... Anupam Kher 1718 An aspiring actor and a struggling DJ team up ... Anupam Kher 1728 The life and career of a lawyer are thrown int... Anupam Kher 5985 A man with bipolar disorder moves home with hi... Anupam Kher 15063 A miser's scheme to set his son up with a mill... Anupam Kher 18151 When pretty new neighbor Seema falls for their... Anupam Kher 18315 In this fact-based crime drama, a gang of con ... Anupam Kher 18650 While recovering from an assassination attempt... Anupam Kher 18662 Set up for an arranged marriage, a young coupl... Anupam Kher 20434 A former judge in retirement finds and punishe... Anupam Kher 21603 Sriram is concerned only with spending money, ... Anupam Kher Jailed for drug trafficking while searching fo... 21610 Anupam Kher 21685 Per her mother's last wish, a girl sets out to... Anupam Kher 23391 Although Nisha falls for Prem, she agrees to m... Anupam Kher 24818 A tycoon accuses three strangers of killing hi... Anupam Kher 34309 When his cruel uncle abandons him, a young orp... Anupam Kher 35340 A spoiled trust fund brat finds himself stuck ... Anupam Kher 35876 A fiery young woman accepts help from a spy ag... Anupam Kher 35967 On her first day of marriage, a woman leaves h... Anupam Kher 36257 An idealistic English filmmaker casts a group ... Anupam Kher 37011 When his protégé goes rogue and poses a grave ... Anupam Kher

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37592
             Traditional Indian folklore comes alive in thi...
                                                                 Anupam Kher
             Separated at birth, twins Raja and Prem couldn...
      38002
                                                                 Anupam Kher
      38673
             In this crime dramedy, a suspended Canadian co...
                                                                 Anupam Kher
      41062
             A penniless actor new to Mumbai and a beautifu...
                                                                 Anupam Kher
      41297
             A vulnerable singer is forced to choose betwee...
                                                                 Anupam Kher
      44745
             A ruthless corporate headhunter battles his ri...
                                                                 Anupam Kher
      44961
             After receiving an anonymous tip about a bomb,...
                                                                 Anupam Kher
      47815
             When pretty new neighbor Seema falls for their...
                                                                 Anupam Kher
      51126
             Love blooms when kind-hearted Avinash takes in...
                                                                 Anupam Kher
      51292
             A millionaire opens the door to comic complica...
                                                                 Anupam Kher
      52503
             To avoid alimony payments, an aspiring actor s...
                                                                 Anupam Kher
      52758
             Separated at birth, a pair of identical twins ...
                                                                 Anupam Kher
      53060
             A prison guard goes undercover as a dancer to ...
                                                                 Anupam Kher
      53074
             A cranky control freak must rely on his comica...
                                                                 Anupam Kher
                                                                 Anupam Kher
      53516
             A young university student's world is shaken a...
      54440
             Two young brothers encounter a singing bird wh...
                                                                 Anupam Kher
      59857
             A loving, concerned American grandson travels ...
                                                                 Anupam Kher
      59989
             After his family's donkey is confiscated by a ...
                                                                 Anupam Kher
      62696
             Three sexually frustrated men in their 60s hav...
                                                                 Anupam Kher
      64642
             The lives of a middle-aged soap opera addict, ...
                                                                 Anupam Kher
      64685
             Up to his old tricks, con man Dharam poses as ...
                                                                 Anupam Kher
[64]: x=pd.DataFrame(df_cast.groupby('cast_y')['title'].count())
[65]: x.reset_index(inplace=True)
      Х
                                     title
[65]:
                             cast_y
      0
                                Jr.
      1
              "Riley" Lakdhar Dridi
                                          1
      2
                       'Najite Dede
                                          2
      3
                           2 Chainz
                                          1
      4
                               2Mex
                                          1
      36435
                       Şevket Çoruh
                                          1
      36436
                   Şinasi Yurtsever
      36437
                       Şükran Ovalı
                                          1
      36438
                     Şükrü Özyıldız
                                          2
      36439
                       Sopé Dìrísù
                                         1
      [36440 rows x 2 columns]
[66]: x[x['cast_y'] == 'Anupam Kher']
[66]:
                  cast_y
                          title
      2833
            Anupam Kher
                             43
```

[67]: df_cast[df_cast['cast_y'] == 'Anupam Kher']

[67]:		index	show_id	type	title	\
	1606	192	s193	Movie	C Kkompany	
	1704	202	s203	Movie	Kyaa Kool Hai Hum	
	1718	204	s205	Movie	Kyaa Super Kool Hain Hum	
	1728	205	s206	Movie	Kyo Kii Main Jhuth Nahin Bolta	
	5985	702	s703	Movie	Silver Linings Playbook	
	15063	1861	s1862	Movie	Dil	
	18151	2270	s2271	Movie	Chashme Baddoor	
	18315	2289	s2290	Movie	Special 26	
	18650	2339	s2340	Movie	Prem Ratan Dhan Payo	
	18662	2340	s2341	Movie	Vivah	
	20434	2564	s2565	Movie	One Day: Justice Delivered	
	21603	2724	s2725	Movie	Gori Tere Pyaar Mein	
	21610	2725	s2726	Movie	Gumrah	
	21685	2734	s2735	Movie	Kuch Kuch Hota Hai	
	23391	2957	s2958	Movie	Hum Aapke Hain Koun	
	24818	3136	s3137	Movie	Game	
	34309	4466	s4467	Movie	Zokkomon	
	35340	4612	s4613	Movie	Wake Up Sid	
	35876	4679	s4680	Movie	Naam Shabana	
	35967	4694	s4695	Movie	Toilet: Ek Prem Katha	
	36257	4732	s4733	Movie	Rang De Basanti	
	37011	4860	s4861	Movie	Aiyaary	
	37592	4955	s4956	Movie	Paheli	
	38002	5009	s5010	Movie	Judwaa 2	
	38673	5118	s5119	TV Show	The Indian Detective	
	41062	5460	s5461	Movie	Oh Darling Yeh Hai India	
	41297	5499	s5500	Movie	Chaahat	
	44745	6034	s6035	Movie	A Family Man	
	44961	6063	s6064	Movie	A Wednesday	
	47815	6449	s6450	Movie	Chashme Buddoor	
	51126	6912	s6913	Movie	Hamara Dil Aapke Paas Hai	
	51292	6936	s6937	Movie	Haseena Maan Jaayegi	
	52503	7109	s7110	Movie	Jaan-E-Mann: Let's Fall in Love Again	
	52758	7144	s7145	Movie	Judwaa	
	53060	7183	s7184	Movie	Khalnayak	
	53074	7186	s7187	Movie	Khosla Ka Ghosla	
	53516	7247	s7248	Movie	Kya Kehna	
	54440	7380	s7381	Movie	Mahabharat	
	59857	8124	s8125	Movie	Super Nani	
	59989	8145	s8146	Movie	Tahaan	
	62696	8504	s8505	Movie	The Shaukeens	
	64642	8769	s8770	Movie	Y.M.I.: Yeh Mera India	
	64685	8772	s8773	Movie	Yamla Pagla Deewana 2	

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director
1606
                   Sachin Yardi
1704
                 Sangeeth Sivan
1718
                   Sachin Yardi
1728
                   David Dhawan
               David O. Russell
5985
15063
                    Indra Kumar
18151
                   David Dhawan
                  Neeraj Pandey
18315
18650
            Sooraj R. Barjatya
18662
            Sooraj R. Barjatya
20434
                    Ashok Nanda
21603
                 Punit Malhotra
21610
                   Mahesh Bhatt
21685
                    Karan Johan
23391
            Sooraj R. Barjatya
24818
                    Abhinay Deo
34309
               Satyajit Bhatkal
35340
                 Ayaan Mukherji
35876
                    Shivam Nair
35967
           Shree Narayan Singh
36257
       Rakeysh Omprakash Mehra
37011
                  Neeraj Pandey
37592
                   Amol Palekar
38002
                   David Dhawan
38673
                            NaN
41062
                    Ketan Mehta
41297
                   Mahesh Bhatt
44745
                  Mark Williams
44961
                  Neeraj Pandey
47815
                   David Dhawan
51126
                 Satish Kaushik
51292
                   David Dhawan
52503
                 Shirish Kunder
52758
                   David Dhawan
53060
                   Subhash Ghai
53074
               Dibakar Banerjee
53516
                    Kundan Shah
54440
                     Amaan Khan
59857
                    Indra Kumar
                  Santosh Sivan
59989
62696
                Abhishek Sharma
64642
                     N. Chandra
64685
                 Sangeeth Sivan
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cast_x \

1606 Mithun Chakraborty, Tusshar Kapoor, Anupam Khe...

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1704
       Tusshar Kapoor, Riteish Deshmukh, Isha Koppika...
1718
       Tusshar Kapoor, Riteish Deshmukh, Anupam Kher,...
1728
       Govinda, Sushmita Sen, Rambha, Anupam Kher, Sa...
5985
       Bradley Cooper, Jennifer Lawrence, Robert De N...
       Aamir Khan, Madhuri Dixit, Saeed Jaffrey, Deve...
15063
18151
       Rishi Kapoor, Ali Zafar, Taapsee Pannu, Siddha...
18315
       Akshay Kumar, Manoj Bajpayee, Anupam Kher, Jim...
18650
       Salman Khan, Sonam Kapoor, Anupam Kher, Neil N...
18662
       Shahid Kapoor, Amrita Rao, Anupam Kher, Alok N...
       Anupam Kher, Esha Gupta, Kumud Mishra, Kashyap...
20434
21603
       Imran Khan, Kareena Kapoor, Nizhalgal Ravi, An...
21610
       Sanjay Dutt, Sridevi, Anupam Kher, Rahul Roy, ...
21685
       Shah Rukh Khan, Kajol, Rani Mukerji, Farida Ja...
23391
       Madhuri Dixit, Salman Khan, Mohnish Bahl, Renu...
24818
       Abhishek Bachchan, Kangana Ranaut, Anupam Kher...
34309
       Darsheel Safary, Anupam Kher, Manjari Fadnis, ...
35340
       Ranbir Kapoor, Konkona Sen Sharma, Shruti Bapn...
35876
       Tapsee Pannu, Akshay Kumar, Manoj Bajpayee, Pr...
35967
       Akshay Kumar, Bhumi Pednekar, Divyendu Sharma,...
36257
       Aamir Khan, Siddharth, Atul Kulkarni, Sharman ...
37011
       Sidharth Malhotra, Manoj Bajpayee, Rakul Preet...
37592
       Shah Rukh Khan, Rani Mukerji, Anupam Kher, Dil...
38002
       Varun Dhawan, Jacqueline Fernandez, Tapsee Pan...
38673
       Russell Peters, Anupam Kher, Christina Cole, M...
41062
       Shah Rukh Khan, Deepa Sahi, Javed Jaffrey, Anu...
41297
       Naseeruddin Shah, Shah Rukh Khan, Pooja Bhatt,...
       Gerard Butler, Gretchen Mol, Alison Brie, Will...
44745
44961
       Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
47815
       Ali Zafar, Siddharth, Divyendu Sharma, Tapsee ...
51126
       Anil Kapoor, Aishwarya Rai Bachchan, Sonali Be...
51292
       Sanjay Dutt, Govinda, Karisma Kapoor, Pooja Ba...
52503
       Salman Khan, Akshay Kumar, Preity Zinta, Anupa...
52758
       Salman Khan, Karisma Kapoor, Rambha, Kader Kha...
53060
       Sanjay Dutt, Madhuri Dixit, Jackie Shroff, Anu...
53074
       Anupam Kher, Boman Irani, Parvin Dabas, Tara S...
53516
       Preity Zinta, Saif Ali Khan, Anupam Kher, Fari...
       Amitabh Bachchan, Ajay Devgn, Vidya Balan, Sha...
54440
       Rekha, Randhir Kapoor, Sharman Joshi, Anupam K...
59857
59989
       Purav Bhandare, Anupam Kher, Rahul Bose, Victo...
62696
       Akshay Kumar, Annu Kapoor, Piyush Mishra, Lisa...
64642
       Anupam Kher, Atul Kulkarni, Aakash Pandey, Mil...
64685
       Dharmendra, Sunny Deol, Bobby Deol, Neha Sharm...
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	country	date_added	release_year ra	iting \
1606	India	August 27, 2021	2008	[V-14
1704	India	August 27, 2021	2005	TV-MA
1718	India	August 27, 2021	2012	rv-ma

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15063
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                                        October 12, 2020
                                                                    1990
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                                             July 5, 2020
18151
                                India
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                                India
                                             July 5, 2020
18315
                                                                    2013
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18650
                                India
                                            June 25, 2020
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                                            June 25, 2020
                                                                    2006
18662
                                India
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20434
                                India
                                             May 3, 2020
                                                                    2019
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                                            April 1, 2020
21603
                                India
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                                            April 1, 2020
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21610
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                                            April 1, 2020
                                India
21685
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23391
                                India
                                        February 1, 2020
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24818
                                India
                                       December 15, 2019
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34309
                                India
                                        November 1, 2018
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                                India
                                         October 1, 2018
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35340
35876
                                India
                                         August 28, 2018
                                                                    2017
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                                         August 21, 2018
35967
                                India
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                                          August 2, 2018
36257
                                India
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37011
                                India
                                            May 15, 2018
                                                                    2018
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37592
                                India
                                            April 1, 2018
                                                                    2005
                                                                          TV-PG
38002
                                India
                                           March 1, 2018
                                                                    2017
                                                                          TV-14
                                      December 19, 2017
                                                                         TV-14
38673
       Canada, Germany, South Africa
                                                                    2017
41062
                                             June 1, 2017
                                                                    1995
                                India
                                                                         TV-14
41297
                                India
                                             May 1, 2017
                                                                    1996
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44745
               Canada, United States
                                       December 15, 2019
                                                                    2016
                                                                              R
44961
                                India
                                        November 1, 2018
                                                                    2008 TV-MA
                                             May 1, 2017
47815
                                India
                                                                    2013
                                                                         TV-PG
                                India
                                           March 1, 2018
                                                                    2000
51126
                                                                         TV-14
                                India
51292
                                           March 1, 2018
                                                                    1999
                                                                         TV-PG
                                       December 31, 2019
52503
                                India
                                                                    2006
                                                                         TV-14
52758
                                India
                                       December 31, 2019
                                                                    1997
                                                                          TV-14
                                            March 1, 2018
                                India
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53060
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53074
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                                          August 2, 2018
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                                            April 1, 2018
53516
                                India
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54440
59857
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                                           March 1, 2018
                                                                    2014
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                                            July 15, 2018
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59989
                                India
                                           March 1, 2018
                                                                    2014
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62696
                                           March 1, 2018
64642
                                India
                                                                    2008
                                                                         TV-MA
                                             May 1, 2017
64685
                                India
                                                                    2013 TV-14
       duration
                                                           listed in \
1606
        127 min Action & Adventure, Comedies, International Mo...
1704
        165 min
                  Comedies, International Movies, Music & Musicals
1718
        136 min
                                     Comedies, International Movies
                  Comedies, International Movies, Sci-Fi & Fantasy
1728
        150 min
5985
        122 min
                               Comedies, Dramas, Independent Movies
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India

United States

August 27, 2021

June 17, 2021

2001

2012

TV-14

R

1728

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15063
        165 min
                             Comedies, Dramas, International Movies
                  Comedies, International Movies, Music & Musicals
18151
        121 min
18315
        137 min
                            Dramas, International Movies, Thrillers
18650
        164 min
                  Action & Adventure, Dramas, International Movies
18662
        166 min
                      Dramas, International Movies, Romantic Movies
20434
        120 min
                                       Dramas, International Movies
        144 min
                             Comedies, Dramas, International Movies
21603
        149 min
21610
                  Action & Adventure, Dramas, International Movies
                             Comedies, Dramas, International Movies
21685
        185 min
        193 min
23391
                       Classic Movies, Dramas, International Movies
24818
        135 min
                                    International Movies, Thrillers
34309
        104 min
                                   Children & Family Movies, Dramas
35340
        132 min
                    Comedies, International Movies, Romantic Movies
35876
        141 min
                           Action & Adventure, International Movies
35967
        145 min
                             Comedies, Dramas, International Movies
                                       Dramas, International Movies
36257
        159 min
37011
        158 min
                  Action & Adventure, Dramas, International Movies
        134 min
37592
                      Dramas, International Movies, Romantic Movies
38002
        145 min
                  Action & Adventure, Comedies, International Mo...
                  Crime TV Shows, International TV Shows, TV Com...
38673
       1 Season
41062
        154 min
                  Action & Adventure, Comedies, International Mo...
41297
        148 min
                      Dramas, International Movies, Romantic Movies
44745
        110 min
                                                              Dramas
44961
        103 min
                  Action & Adventure, Dramas, International Movies
47815
        121 min
                  Comedies, International Movies, Music & Musicals
51126
        158 min
                     Dramas, International Movies, Music & Musicals
        151 min
51292
                               Action & Adventure, Comedies, Dramas
52503
        163 min
                     Dramas, International Movies, Romantic Movies
52758
        133 min
                    Comedies, International Movies, Romantic Movies
                  Action & Adventure, Dramas, International Movies
53060
        170 min
                             Comedies, Dramas, International Movies
53074
        124 min
53516
        149 min
                      Dramas, International Movies, Romantic Movies
54440
        119 min
                  Action & Adventure, Dramas, International Movies
59857
        127 min
                             Comedies, Dramas, International Movies
59989
         95 min
                                       Dramas, International Movies
62696
        123 min
                  Comedies, International Movies, Music & Musicals
                  Dramas, Independent Movies, International Movies
64642
        137 min
64685
        147 min
                  Action & Adventure, Comedies, International Mo...
                                               description
                                                                 cast_y
1606
       Three broke friends pose as an underworld gang...
                                                          Anupam Kher
1704
       Longtime friends Rahul and Karan head to Mumba...
                                                          Anupam Kher
1718
       An aspiring actor and a struggling DJ team up ...
                                                          Anupam Kher
1728
       The life and career of a lawyer are thrown int...
                                                          Anupam Kher
5985
       A man with bipolar disorder moves home with hi...
                                                          Anupam Kher
```

Anupam Kher

Anupam Kher

A miser's scheme to set his son up with a mill...

When pretty new neighbor Seema falls for their...

15063

18315 In this fact-based crime drama, a gang of con ... Anupam Kher 18650 While recovering from an assassination attempt... Anupam Kher 18662 Set up for an arranged marriage, a young coupl... Anupam Kher 20434 A former judge in retirement finds and punishe... Anupam Kher 21603 Sriram is concerned only with spending money, ... Anupam Kher 21610 Jailed for drug trafficking while searching fo... Anupam Kher 21685 Per her mother's last wish, a girl sets out to... Anupam Kher 23391 Although Nisha falls for Prem, she agrees to m... Anupam Kher 24818 A tycoon accuses three strangers of killing hi... Anupam Kher 34309 When his cruel uncle abandons him, a young orp... Anupam Kher 35340 A spoiled trust fund brat finds himself stuck ... Anupam Kher 35876 A fiery young woman accepts help from a spy ag... Anupam Kher 35967 On her first day of marriage, a woman leaves h... Anupam Kher 36257 An idealistic English filmmaker casts a group ... Anupam Kher 37011 When his protégé goes rogue and poses a grave ... Anupam Kher 37592 Traditional Indian folklore comes alive in thi... Anupam Kher 38002 Separated at birth, twins Raja and Prem couldn... Anupam Kher 38673 In this crime dramedy, a suspended Canadian co... Anupam Kher 41062 A penniless actor new to Mumbai and a beautifu... Anupam Kher Anupam Kher 41297 A vulnerable singer is forced to choose betwee... 44745 A ruthless corporate headhunter battles his ri... Anupam Kher 44961 After receiving an anonymous tip about a bomb,... Anupam Kher 47815 When pretty new neighbor Seema falls for their... Anupam Kher 51126 Love blooms when kind-hearted Avinash takes in... Anupam Kher 51292 A millionaire opens the door to comic complica... Anupam Kher 52503 To avoid alimony payments, an aspiring actor s... Anupam Kher 52758 Separated at birth, a pair of identical twins ... Anupam Kher 53060 A prison guard goes undercover as a dancer to ... Anupam Kher 53074 A cranky control freak must rely on his comica... Anupam Kher 53516 A young university student's world is shaken a... Anupam Kher 54440 Two young brothers encounter a singing bird wh... Anupam Kher 59857 A loving, concerned American grandson travels ... Anupam Kher 59989 After his family's donkey is confiscated by a ... Anupam Kher 62696 Three sexually frustrated men in their 60s hav... Anupam Kher 64642 The lives of a middle-aged soap opera addict, ... Anupam Kher 64685 Up to his old tricks, con man Dharam poses as ... Anupam Kher

[68]: df_cast[df_cast['title'] == 'A Wednesday']

```
[68]:
             index show_id
                              type
                                           title
                                                        director
      44961
                                                  Neeraj Pandey
              6063
                      s6064
                             Movie
                                     A Wednesday
      44962
              6063
                      s6064
                             Movie
                                     A Wednesday
                                                  Neeraj Pandey
      44963
              6063
                      s6064
                             Movie
                                     A Wednesday
                                                  Neeraj Pandey
      44964
              6063
                      s6064
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                                     A Wednesday
                                                  Neeraj Pandey
      44965
              6063
                      s6064
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                                    A Wednesday
                                                  Neeraj Pandey
      44966
              6063
                      s6064
                             Movie
                                     A Wednesday
                                                  Neeraj Pandey
      44967
                                                  Neeraj Pandey
              6063
                      s6064
                             Movie
                                     A Wednesday
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```
cast_x country \
       Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
44961
                                                          India
44962
       Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
                                                          India
44963
       Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
                                                          India
44964
      Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
                                                          India
44965
       Anupam Kher, Naseeruddin Shah, Jimmy Shergill, ...
                                                          India
      Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
44966
                                                          India
44967
       Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
                                                          India
44968
      Anupam Kher, Naseeruddin Shah, Jimmy Shergill,...
                                                          India
             date_added release_year rating duration \
44961
      November 1, 2018
                                 2008
                                       TV-MA
                                               103 min
                                       TV-MA
44962
      November 1, 2018
                                 2008
                                               103 min
44963
      November 1, 2018
                                 2008
                                      TV-MA 103 min
44964
      November 1, 2018
                                      TV-MA 103 min
                                 2008
      November 1, 2018
44965
                                 2008
                                       TV-MA
                                               103 min
44966
      November 1, 2018
                                 2008
                                      TV-MA 103 min
44967
      November 1, 2018
                                 2008
                                       TV-MA
                                               103 min
                                 2008 TV-MA 103 min
44968
      November 1, 2018
                                               listed in \
44961
      Action & Adventure, Dramas, International Movies
44962
      Action & Adventure, Dramas, International Movies
44963
      Action & Adventure, Dramas, International Movies
      Action & Adventure, Dramas, International Movies
44964
      Action & Adventure, Dramas, International Movies
44965
44966
      Action & Adventure, Dramas, International Movies
      Action & Adventure, Dramas, International Movies
44967
      Action & Adventure, Dramas, International Movies
44968
                                              description \
44961
      After receiving an anonymous tip about a bomb,...
44962
      After receiving an anonymous tip about a bomb,...
44963
      After receiving an anonymous tip about a bomb,...
44964
      After receiving an anonymous tip about a bomb,...
44965
      After receiving an anonymous tip about a bomb,...
44966
      After receiving an anonymous tip about a bomb,...
       After receiving an anonymous tip about a bomb,...
44967
44968
      After receiving an anonymous tip about a bomb,...
                      cast y
44961
                 Anupam Kher
44962
            Naseeruddin Shah
44963
              Jimmy Shergill
44964
                 Deepal Shaw
```

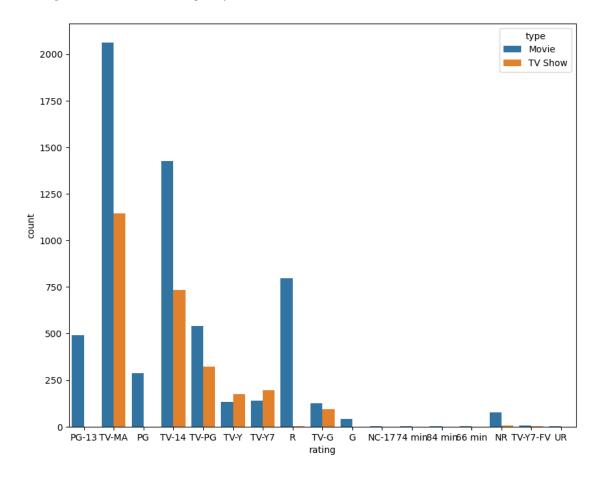
s6064 Movie A Wednesday Neeraj Pandey

44968

```
44965 Aamir Bashir
44966 Kali Prasad Mukherjee
44967 Vijay Bhatia
44968 Chetan Pandit
```

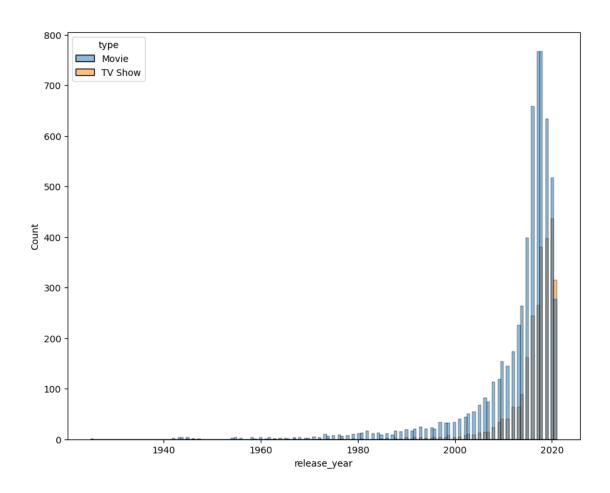
```
[69]: import seaborn as sns
import matplotlib.pyplot as plt
plt.figure(figsize=(10,8))
sns.countplot(x='rating', hue='type', data=df)
```

[69]: <AxesSubplot:xlabel='rating', ylabel='count'>



```
[70]: plt.figure(figsize=(10,8))
sns.histplot(x='release_year',hue='type',data=df)
```

[70]: <AxesSubplot:xlabel='release_year', ylabel='Count'>



```
[71]: df['date_add']=pd.to_datetime(df['date_added'], errors='coerce')
```

[72]: df.info()

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 8807 entries, 0 to 8806
Data columns (total 13 columns):

#	Column	Non-Null Count	Dtype
0	show_id	8807 non-null	object
1	type	8807 non-null	object
2	title	8807 non-null	object
3	director	6173 non-null	object
4	cast	7982 non-null	object
5	country	7976 non-null	object
6	date_added	8797 non-null	object
7	release_year	8807 non-null	int64
8	rating	8803 non-null	object
9	duration	8804 non-null	object
10	listed in	8807 non-null	obiect

```
12 date_add
                         8797 non-null
                                         datetime64[ns]
     dtypes: datetime64[ns](1), int64(1), object(11)
     memory usage: 894.6+ KB
[73]: df.head()
[73]:
                                           title
                                                         director
        show id
                    type
             s1
                   Movie
                           Dick Johnson Is Dead Kirsten Johnson
                 TV Show
                                  Blood & Water
      1
             s2
      2
             s3
                TV Show
                                       Ganglands
                                                  Julien Leclercq
                                                              NaN
      3
             s4
                 TV Show
                          Jailbirds New Orleans
             s5
                 TV Show
                                    Kota Factory
                                                              NaN
                                                                   country \
                                                       cast
      0
                                                        NaN
                                                             United States
        Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban...
                                                            South Africa
      1
         Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi...
      3
                                                        NaN
                                                                        NaN
      4 Mayur More, Jitendra Kumar, Ranjan Raj, Alam K...
                                                                   India
                 date added release year rating
                                                    duration
                                                      90 min
         September 25, 2021
                                      2020 PG-13
      1 September 24, 2021
                                      2021 TV-MA
                                                   2 Seasons
      2 September 24, 2021
                                      2021 TV-MA
                                                    1 Season
      3 September 24, 2021
                                      2021
                                           TV-MA
                                                    1 Season
      4 September 24, 2021
                                      2021 TV-MA
                                                  2 Seasons
                                                  listed_in \
      0
                                              Documentaries
           International TV Shows, TV Dramas, TV Mysteries
      1
        Crime TV Shows, International TV Shows, TV Act...
      2
                                     Docuseries, Reality TV
      3
        International TV Shows, Romantic TV Shows, TV ...
                                                description
                                                              date_add
      O As her father nears the end of his life, filmm... 2021-09-25
      1 After crossing paths at a party, a Cape Town t... 2021-09-24
      2 To protect his family from a powerful drug lor... 2021-09-24
      3 Feuds, flirtations and toilet talk go down amo... 2021-09-24
      4 In a city of coaching centers known to train I... 2021-09-24
[74]: df['month']=df['date_add'].dt.month.fillna(-1)
[75]: df['month']=df['month'].astype('int64')
[76]: df.head()
```

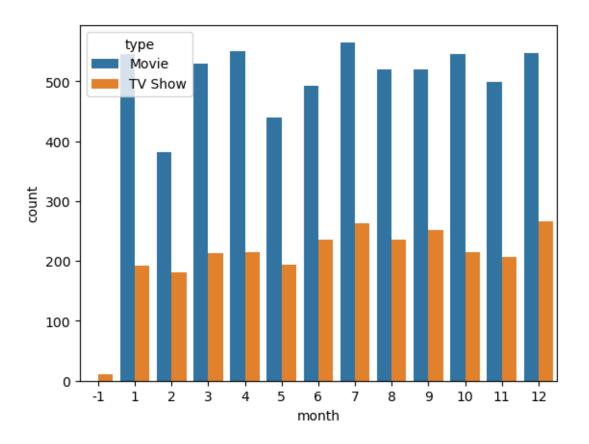
object

11 description

8807 non-null

```
[76]:
        show_id
                                           title
                                                         director \
                    type
                           Dick Johnson Is Dead Kirsten Johnson
      0
             s1
                   Movie
      1
             s2
                 TV Show
                                  Blood & Water
      2
             s3
                 TV Show
                                       Ganglands Julien Leclercq
                         Jailbirds New Orleans
      3
                 TV Show
                 TV Show
                                   Kota Factory
                                                              NaN
             s5
                                                       cast
                                                                   country \
      0
                                                        {\tt NaN}
                                                             United States
      1
        Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban...
                                                            South Africa
         Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi...
                                                                     NaN
      3
                                                        NaN
                                                                       NaN
      4 Mayur More, Jitendra Kumar, Ranjan Raj, Alam K...
                                                                   India
                 date_added release_year rating
                                                    duration \
      0 September 25, 2021
                                     2020 PG-13
                                                      90 min
      1 September 24, 2021
                                     2021 TV-MA
                                                   2 Seasons
      2 September 24, 2021
                                     2021 TV-MA
                                                    1 Season
      3 September 24, 2021
                                     2021 TV-MA
                                                    1 Season
      4 September 24, 2021
                                     2021 TV-MA 2 Seasons
                                                  listed in \
      0
                                              Documentaries
           International TV Shows, TV Dramas, TV Mysteries
      1
        Crime TV Shows, International TV Shows, TV Act...
                                    Docuseries, Reality TV
      3
      4 International TV Shows, Romantic TV Shows, TV ...
                                                description
                                                              date_add
                                                                        month
      O As her father nears the end of his life, filmm... 2021-09-25
                                                                           9
      1 After crossing paths at a party, a Cape Town t... 2021-09-24
                                                                           9
      2 To protect his family from a powerful drug lor... 2021-09-24
                                                                           9
      3 Feuds, flirtations and toilet talk go down amo... 2021-09-24
                                                                           9
      4 In a city of coaching centers known to train I... 2021-09-24
                                                                           9
[77]: sns.countplot(x='month',hue='type', data=df)
```

[77]: <AxesSubplot:xlabel='month', ylabel='count'>



[78]: #issue with ratings [79]: df.rating.value_counts()

[79]: TV-MA 3207 TV-14 2160 863 TV-PG 799 R 490 PG-13 TV-Y7 334 TV-Y307 PG287 TV-G 220 NR80 G 41 TV-Y7-FV6 NC-17 3 UR 3 74 min 1 84 min 1 66 min 1

	Name: rating, dtype: int64
[]:	
[]:	