Netflix Dataset

Big-Data Analysis with Python



data

This Netflix Dataset has information about the TV Shows and Movies available on Netflix till 2021.

This dataset is collected from Flixable which is a third-party Netflix search engine, and available on Kaggle website for free.

```
# Importing the dataset
import pandas as pd
data = pd.read_csv(r"https://d2beiqkhq929f0.cloudfront.net/public_assets/assets/000/000/940/
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R	Brazil	August 14, 2020	TV-MA
1	s2	Movie	07:19	Jorge Michel Grau	Demián Bichir, Héctor Bonilla, Oscar Serrano,	Mexico	December 23, 2016	TV-MA
2	s3	Movie	23:59	Gilbert Chan	Tedd Chan, Stella Chung, Henley Hii, Lawrence	Singapore	December 20, 2018	R
3	s 4	Movie	9	Shane Acker	Elijah Wood, John C. Reilly, Jennifer Connelly	United States	November 16, 2017	PG-13
4	s 5	Movie	21	Robert Luketic	Jim Sturgess, Kevin Spacey, Kate Bosworth, Aar	United States	January 1, 2020	PG-13
				.losef	Imad Creidi, Antoinette	Sweden, Czech Republic	October 19	
4				.11 7-31 71	, m n			•

Getting some basic information about the dataset

✓ 1. head()

data.head()

to show top-5 records of the dataset

	show_id	type	title	director	cast	country	date_added	release_year	rat
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG
1	s2	TV Show	Blood & Water	NaN	Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban	South Africa	September 24, 2021	2021	TV-
2	s3	TV Show	Ganglands	Julien Leclercq	Sami Bouajila, Tracy Gotoas,	NaN	September 24, 2021	2021	TV-
4									•

✓ 2. tail()

data.tail()

to show bottom-5 records of dataset

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Du
7784	s7783	Movie	Zozo	Josef Fares	Imad Creidi, Antoinette Turk, Elias Gergi, Car	Sweden, Czech Republic, United Kingdom, Denmar	October 19, 2020	TV-MA	
7785	s7784	Movie	Zubaan	Mozez Singh	Vicky Kaushal, Sarah- Jane Dias, Raaghav Chanan	India	March 2, 2019	TV-14	
7700	- 7705	N A: -	Zulu	N I - N I	NI4-0	N I - N I	September 25,	T1 / 8 4 A	•

→ 3. shape

```
data.shape # to show the No. of Rows and Columns (7789, 11)
```

4. size

data.size # to show No. of total values(elements) in the 85679

✓ 5. columns

→ 7. dtypes

data.dtypes # to show the data-type of each column

Show Id object Category object Title object Director object Cast object Country object object Release_Date object Rating Duration object Type object Description object dtype: object

→ 8. info()

0	Show_Id	7789	non-null	object	
1	Category	7789	non-null	object	
2	Title	7789	non-null	object	
3	Director	5401	non-null	object	
4	Cast	7071	non-null	object	
5	Country	7282	non-null	object	
6	Release_Date	7779	non-null	object	
7	Rating	7782	non-null	object	
8	Duration	7789	non-null	object	
9	Туре	7789	non-null	object	
10	Description	7789	non-null	object	
dtyp	es: object(11)				
memo	ry usage: 669.	5+ KB			

Task.1. Is there any Duplicate Record in this dataset? If yes, then remove the duplicate records.

duplicate()

data.head()

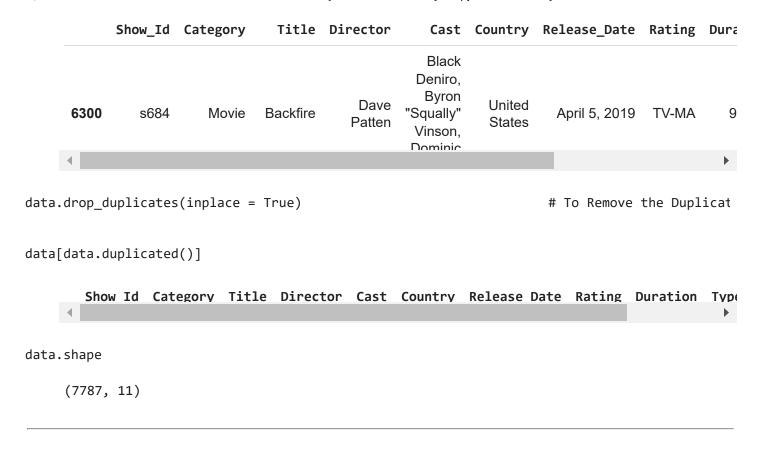
	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Durat:
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R	Brazil	August 14, 2020	TV-MA	Seas
1	s2	Movie	07:19	Jorge Michel Grau	Demián Bichir, Héctor Bonilla, Oscar Serrano,	Mexico	December 23, 2016	TV-MA	93 ı
4									>

data.shape

(7789, 11)

data[data.duplicated()]

To check row wise and dete



Task.2. Is there any Null Value present in any column? Show with Heat-map.

✓ isnull()

data.head()

	show_id	type	title	director	cast	country	date_added	release_year	rat
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG
1	s2	TV Show	Blood & Water	NaN	Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban	South Africa	September 24, 2021	2021	TV-
2	s3	TV Show	Ganglands	Julien Leclercq	Sami Bouajila, Tracy Gotoas,	NaN	September 24, 2021	2021	TV-

data.isnull()

To show where Null value is pr

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration
0	False	False	False	True	False	False	False	False	False
1	False	False	False	False	False	False	False	False	False
2	False	False	False	False	False	False	False	False	False
3	False	False	False	False	False	False	False	False	False
4	False	False	False	False	False	False	False	False	False
7784	False	False	False	False	False	False	False	False	False
7785	False	False	False	False	False	False	False	False	False
7786	False	False	False	True	False	True	False	False	False
7787	False	False	False	True	False	False	False	False	False
7788	False	False	False	False	True	False	False	False	False
7787 rc	ows × 11 co	lumns							•

data.isnull().sum()

To show the count of Nul

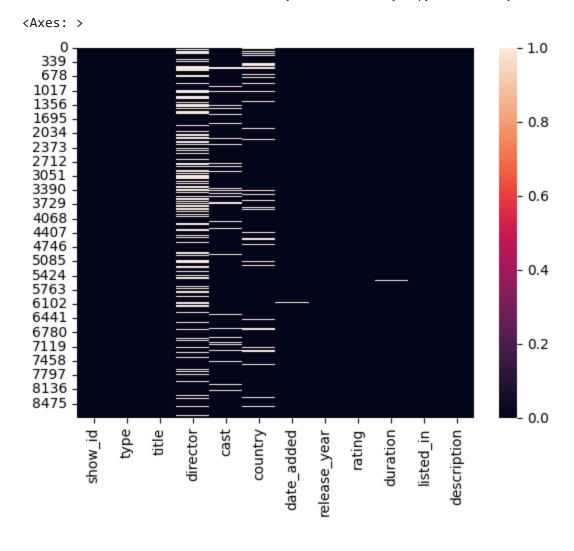
Show_Id 0 Category 0 Title 0 Director 2388 Cast 718 Country 507 Release_Date 10 Rating 7 Duration Type Description dtype: int64

seaborn library (heat-map)

import seaborn as sns # To import Seaborn libr

sns.heatmap(data.isnull())

Using heat-map to



Q.1. For 'House of Cards', what is the Show Id and Who is the Director of this show?

isin()

data.head()

	show_id	type	title	director	cast	country	date_added	release_year	rat
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG
1	s2	TV Show	Blood & Water	NaN	Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban	South Africa	September 24, 2021	2021	TV-
2	s3	TV Show	Ganglands	Julien Leclercq	Sami Bouajila, Tracy Gotoas,	NaN	September 24, 2021	2021	TV-
4									•

data[data['title'].isin(['House of Cards'])] # To show all records of a particular it

show_id type title director cast country date_added release_year rating

Kevin
Spacev.

str.contains()

```
# To show all records of a part

show_id type title director cast country date_added release_year rating

Kevin
Spacev.
```

Q.2. In which year highest number of the TV Shows & Movies were released? Show with Bar Graph.

dtypes

data.dtypes

```
object
show_id
type
                 object
title
                 object
director
                 object
                 object
cast
                 object
country
date_added
                 object
release_year
                 int64
rating
                 object
duration
                 object
listed in
                 object
description
                 object
dtype: object
```

to_datetime

```
data['Date_N'] = pd.to_datetime(data['date_added'])
```

data.head()

	show	_id	type	title	director	cast	country	date_added	release_year	rat
	0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG
	1	s2	TV Show	Blood & Water	NaN	Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban	South Africa	September 24, 2021	2021	TV-
data	2 dtypes	s3	TV Show	Ganglands	Julien Leclerca	Sami Bouajila, Tracy Gotoas,	NaN	September 24. 2021	2021	TV-
· ·	show_id type title director cast country date_add release_ rating duratior listed_id descript Date_N dtype: c	ded year in in	da	objec objec objec objec objec int6 objec objec objec tetime64[ns	t t t t t t t					

dt.year.value_counts()

```
data['Date_N'].dt.year.value_counts() # It counts the occurrence of all indiv
2019.0    2016
2020.0    1879
2018.0    1649
2021.0    1498
2017.0    1188
2016.0    429
2015.0    82
```

```
2014.0 24

2011.0 13

2013.0 11

2012.0 3

2009.0 2

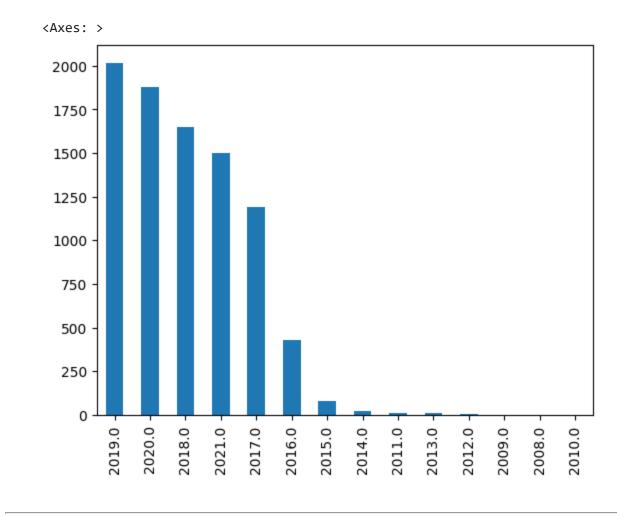
2008.0 2

2010.0 1
```

Name: Date_N, dtype: int64

Bar Graph

data['Date_N'].dt.year.value_counts().plot(kind='bar')



Q.3. How many Movies & TV Shows are in the dataset? Show with Bar Graph.

groupby()

data.head(2)

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
4									•

data.groupby('type').type.count()

To group all unique items of a column ar

type

Movie 6131 TV Show 2676

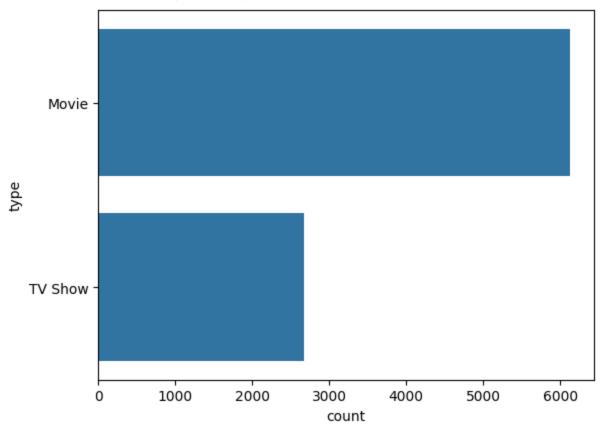
Name: type, dtype: int64

countplot()

import seaborn as sns
sns.countplot(data['type'])

To show the count of all unique values of any column ir

<Axes: xlabel='count', ylabel='type'>



Q.4. Show all the Movies that were released in year 2000.

Creating new column

data.head()
data.head(2)

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
◀ ▮									•

```
# data['Year'] = data['Date_N'].dt.year # to create new Year column; it will cons

data['Year'] = data['Date_N'].dt.year

# data.head(2)

data.head(2)
```

		show_id	type	title	director	cast	country	date_added	release_year	ratin
	0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
						Ama Qamata,				
4										>

Filtering

```
# data[ (data['Category']=='Movie') & (data['Year']==2020) ]

data[ (data['Category'] == 'Movie') & (data['Year']==2000) ]

Show Id Category Title Director Cast Country Release Date Rating Duration Type

data[ (data['Category'] == 'Movie') & (data['Year']==2020) ]
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating
4	s 5	Movie	21	Robert Luketic	Jim Sturgess, Kevin Spacey, Kate Bosworth, Aar	United States	January 1, 2020	PG-13
6	s7	Movie	122	Yasir Al Yasiri	Amina Khalil, Ahmed Dawood, Tarek Lotfy, Ahmed	Egypt	June 1, 2020	TV-MA
14	s15	Movie	3022	John Suits	Omar Epps, Kate Walsh, Miranda Cosgrove, Angus	United States	March 19, 2020	R
27	s28	Movie	#Alive	Cho II	Yoo Ah-in, Park Shin-hye	South Korea	September 8, 2020	TV-MA
28	s29	Movie	#AnneFrank - Parallel Stories	Sabina Fedeli, Anna Migotto	Helen Mirren, Gengher Gatti	Italy	July 1, 2020	TV-14
7762	s7761	Movie	Zaki Chan	Wael Ihsan	Ahmed Helmy, Yasmin Abdulaziz, Hassan Hosny, H	Egypt	May 19, 2020	TV-PG
7783	s7782	Movie	Zoom	Peter Hewitt	Tim Allen, Courteney Cox, Chevy Chase, Kate Ma	United States	January 11, 2020	PG
					Imad Creidi,	Sweden,		
4					-,	l ízech		•

Q.5. Show only the Titles of all TV Shows that were released in India only.

Filtering

```
# data.head(2)
data.head(2)
```

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
◀									•

```
# data [ (data['type'] == 'TV Show') & (data['Country'] == 'India') ] ['Title']
data[ (data['type']=='TV Show') & (data['country']=='India') ] ['title']
     4
                                   Kota Factory
     39
                                   Chhota Bheem
     50
                                  Dharmakshetra
     66
                  Raja Rasoi Aur Anya Kahaniyan
                 Stories by Rabindranath Tagore
     8173
                                      Thackeray
     8235
                                    The Calling
     8321
             The Golden Years with Javed Akhtar
     8349
                         The House That Made Me
     8775
                                Yeh Meri Family
     Name: title, Length: 79, dtype: object
```

Q.6. Show Top 10 Directors, who gave the highest number of TV Shows & Movies to Netflix?

value_counts()

```
# data['Director'].value_counts().head(10)
data.head(2)
```

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
									•

data['Director'].value_counts().head(10)

```
Raúl Campos, Jan Suter
                          18
Marcus Raboy
                          16
Jay Karas
                          14
Cathy Garcia-Molina
                          13
Youssef Chahine
                          12
Jay Chapman
                          12
                          12
Martin Scorsese
Steven Spielberg
                          10
David Dhawan
                           9
Kunle Afolayan
                            8
Name: Director, dtype: int64
```

Q.7. Show all the Records, where "Category is Movie and Type is Comedies" or "Country is United Kingdom".

Filtering (And, Or Operators)

```
# data[(data['Category']=='Movie') & (data['Type']=='Comedies') ]
data.head()
```

	show_id	type	title	director	cast	country	date_added	release_year	rat
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG
1	s2	TV Show	Blood & Water	NaN	Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban	South Africa	September 24, 2021	2021	TV-
2	s3	TV Show	Ganglands	Julien Leclercq	Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi	NaN	September 24, 2021	2021	TV-
4									•

```
data[ (data['type']=='Movie') & (data['listed_in']=='comedies') ]
```

show id type title director cast country date added release year rating durat:

```
# data[(data['Category']=='Movie') & (data['Type']=='Comedies') | (data['Country']=='United
data[ (data['type']=='Movie') & (data['listed_in']=='Comedies') | (data['country']=='United
```

	show_id	type	title	director	cast	country	date_added	release_y
8	s9	TV Show	The Great British Baking Show	Andy Devonshire	Mel Giedroyc, Sue Perkins, Mary Berry, Paul Ho	United Kingdom	September 24, 2021	21
27	s28	Movie	Grown Ups	Dennis Dugan	Adam Sandler, Kevin James, Chris Rock, David S	United States	September 20, 2021	2(
32	s33	TV Show	Sex Education	NaN	Asa Butterfield, Gillian Anderson, Ncuti Gatwa	United Kingdom	September 17, 2021	2(
65	s66	TV Show	Numberblocks	NaN	Beth Chalmers, David Holt, Marcel McCalla, Ter	United Kingdom	September 15, 2021	2(
72	s73	TV Show	Jack Whitehall: Travels with My Father	NaN	Jack Whitehall, Michael Whitehall	United Kingdom	September 14, 2021	2(
					•••			
8740	s8741	TV Show	Wild Alaska	NaN	Dougray Scott	United Kingdom	March 31, 2017	2(
8741	s8742	TV	Wild Arabia	NaN	Alexander	United	March 31,	20

filtering

str.contains()

Creating new data-frame

```
# data_new = data.dropna()  # It drops the rows that contains all or ar

data_new = data.dropna()
```

Q.9. What are the different Ratings defined by Netflix?

v nunique()

```
# data.Rating.nunique()
data.head(2)
```

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
4									•

```
data['rating'].nunique()
```

17

unique()

Q.9.1. How many Movies got the 'TV-14' rating, in Canada?

data.head(2)

	show_i	d	type	title	director	cast	country	date_added	release_year	ratin
() s	:1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
						Ama Qamata,				
4										•

∨ Q.9.2. How many TV Show got the 'R' rating, after year 2018?

```
# data[(data['Category']=='TV Show') & (data['Rating'] == 'R')]
data.head(2)
```

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
◀ ▮									•

data[(data['type']=='TV Show') & (data['rating']=='R')]

		show_id	type	title	director	cast	country	date_added	release_year	ra
	3893	s3894	TV Show	The Hateful Eight: Extended Version	Quentin Tarantino	Samuel L. Jackson, Kurt Russell, Jennifer	NaN	April 25, 2019	2015	
	4									•
# dat	ta[(dat	a['Catego	ory']==	'TV Show')	& (data['Rating'] :	== 'R') &	(data['Year	'] > 2018)]	
data	[(data['type']==	'TV Sh	ow') & (da	nta['ratin	g']=='R') 8	& (data[ˈ	release_year	'] > 2018)]	
	sho	w id typ	e tit]	le directo	or cast	country da	ate added	release yea	ar rating dur	rat:

Q.10. What is the maximum duration of a Movie/Show on Netflix?

data.head(2)

data.head(2)

```
show id
                    title director
                                          cast country date_added release_year ratin
            type
                      Dick
                              Kirsten
                                                   United
                                                           September
0
                                                                              2020
                                                                                     PG-1
        s1 Movie Johnson
                                           NaN
                             Johnson
                                                   States
                                                             25, 2021
                   Is Dead
                                           Ama
                                        Qamata.
```

```
# data['Duration'].unique()
```

data.duration.unique()

```
array(['90 min', '2 Seasons', '1 Season', '91 min', '125 min',
        '9 Seasons', '104 min', '127 min', '4 Seasons', '67 min', '94 min',
        '5 Seasons', '161 min', '61 min', '166 min', '147 min', '103 min',
        '97 min', '106 min', '111 min', '3 Seasons', '110 min', '105 min', '96 min', '124 min', '116 min', '98 min', '23 min', '115 min',
        '122 min', '99 min', '88 min', '100 min', '6 Seasons', '102 min',
        '93 min', '95 min', '85 min', '83 min', '113 min', '13 min',
        '182 min', '48 min', '145 min', '87 min', '92 min', '80 min',
        '117 min', '128 min', '119 min', '143 min', '114 min', '118 min',
        '108 min', '63 min', '121 min', '142 min', '154 min', '120 min',
        '82 min', '109 min', '101 min', '86 min', '229 min', '76 min',
        '89 min', '156 min', '112 min', '107 min', '129 min', '135 min',
        '136 min', '165 min', '150 min', '133 min', '70 min', '84 min',
        '140 min', '78 min', '7 Seasons', '64 min', '59 min', '139 min',
        '69 min', '148 min', '189 min', '141 min', '130 min', '138 min',
        '81 min', '132 min', '10 Seasons', '123 min', '65 min', '68 min',
        '66 min', '62 min', '74 min', '131 min', '39 min', '46 min',
        '38 min', '8 Seasons', '17 Seasons', '126 min', '155 min', '159 min', '137 min', '12 min', '273 min', '36 min', '34 min',
        '77 min', '60 min', '49 min', '58 min', '72 min', '204 min', '212 min', '25 min', '73 min', '29 min', '47 min', '32 min',
        '35 min', '71 min', '149 min', '33 min', '15 min', '54 min',
        '224 min', '162 min', '37 min', '75 min', '79 min', '55 min', '158 min', '164 min', '173 min', '181 min', '185 min', '21 min',
        '24 min', '51 min', '151 min', '42 min', '22 min', '134 min',
        '177 min', '13 Seasons', '52 min', '14 min', '53 min', '8 min',
        '57 min', '28 min', '50 min', '9 min', '26 min', '45 min',
        '171 min', '27 min', '44 min', '146 min', '20 min', '157 min',
        '17 min', '203 min', '41 min', '30 min', '194 min', '15 Seasons'
        '233 min', '237 min', '230 min', '195 min', '253 min', '152 min',
```

```
'190 min', '160 min', '208 min', '180 min', '144 min', '5 min', '174 min', '170 min', '192 min', '209 min', '187 min', '172 min', '16 min', '186 min', '11 min', '193 min', '176 min', '56 min', '169 min', '40 min', '10 min', '3 min', '168 min', '312 min', '153 min', '214 min', '31 min', '163 min', '19 min', '12 Seasons', nan, '179 min', '11 Seasons', '43 min', '200 min', '196 min', '167 min', '178 min', '228 min', '18 min', '205 min', '201 min', '191 min'], dtype=object)
```

str.split()

data.head(2)

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
4									•

```
# data[['Minutes','Unit']] = data['Duration'].str.split(' ', expand=True)

data[['Minutes', 'Unit']] = data['duration'].str.split(' ', expand = True)

# data.head(2)

data.head(2)
```

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s 1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
					Ama Qamata,				
4									•

max()

```
# data.Minutes.max()
data['Minutes'] = data['Minutes'].astype(float)
data['Minutes'].max()
     312.0
data['Minutes'].min()
     1.0
data['Minutes'].mean()
     69.84688777828259
data.dtypes
                              object
     show_id
                              object
     type
     title
                              object
     director
                              object
     cast
                              object
     country
                              object
     date_added
                              object
     release_year
                               int64
                              object
     rating
     duration
                              object
     listed_in
                              object
     description
                              object
                     datetime64[ns]
     Date_N
     Minutes
                             float64
     Unit
                             object
     dtype: object
```


data.head(2)

data.head(2)

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
1	s2	TV ~:	Blood &	NaN	Ama Qamata, Khosi Ngema,	South	September	2021	TV-M.

```
# data_tvshow = data[data['Category'] == 'TV Show']

data_tvshow = data[data['type'] == 'TV Show']

# data_tvshow.head(2)

data_tvshow.head(2)
```

	show_id	type	title	director	cast	country	date_added	release_year	rat:
1	s2	TV Show	Blood & Water	NaN	Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban	South Africa	September 24, 2021	2021	TV-
					Sami				
◀ ▮									•

data_tvshow.Country.value_counts()

data_tvshow.country.value_counts()

United States	760
United Kingdom	213
Japan	169
South Korea	158
India	79
Belarus	1
United Kingdom, Australia	1
France, Australia, Germany	1
Australia, New Zealand, United States	1
United States, France, South Korea, Indonesia	1
Name: country, Length: 196, dtype: int64	

data_tvshow.Country.value_counts().head(1)

data_tvshow.country.value_counts().head(1)

United States 760

Name: country, dtype: int64

Q.12. How can we sort the dataset by Year?

data.head(2)

data.head(2)

	show_id	type	title	director	cast	country	date_added	release_year	ratin
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-1
1	s2	TV	Blood &	NaN	Ama Qamata, Khosi Ngema,	South	September	2021	TV-M.

```
# data.sort_values(by='Year').head(2)
data.sort_values(by = 'release_year')
```

	show_id	type	title	director	cast	country	date_added	release_
4250	s4251	TV Show	Pioneers: First Women Filmmakers*	NaN	NaN	NaN	December 30, 2018	
7790	s7791	Movie	Prelude to War	Frank Capra	NaN	United States	March 31, 2017	
8205	s8206	Movie	The Battle of Midway	John Ford	Henry Fonda, Jane Darwell	United States	March 31, 2017	
8660	s8661	Movie	Undercover: How to Operate Behind Enemy Lines	John Ford	NaN	United States	March 31, 2017	
8739	s8740	Movie	Why We Fight: The Battle of Russia	Frank Capra, Anatole Litvak	NaN	United States	March 31, 2017	
862	s863	TV Show	Special	NaN	Ryan O'Connell, Jessica Hecht, Punam Patel, Ma	United States	May 20, 2021	
861	s862	Movie	Little Singham Future mein Satakli	Prakash Satam	Anamaya Verma, Ganesh Divekar, Jigna Bharadhwa	NaN	May 20, 2021	
857	s858	TV Show	The Neighbor	NaN	Quim Gutiérrez, Clara Lago, Adrián Pino, Catel	Spain	May 21, 2021	

876 s877 TV Alma NaN NaN India May 14, Show Matters

data.sort_values(by='Year', ascending=False).head(2)

data.sort_values(by = 'release_year', ascending = False).head(10)

				•	,			,	
	show_id		type	title	director	cast	country	date_added	release_y
(693	s694	Movie	Ali & Ratu Ratu Queens	Lucky Kuswandi	Iqbaal Ramadhan, Nirina Zubir, Asri Welas, Tik	NaN	June 17, 2021	2
7	781	s782	Movie	Black Holes The Edge of All We Know	Peter Galison	NaN	NaN	June 2, 2021	2
ı	1 0	5100	IVIOVIE	Sour	bveok	300-bill, -	Korea	2021	۷
Q.13.	Find	all the	e insta	nces wher	e:				
						1401130			
Cate	gory i	s 'Mo	vie' and	d Type is 'D	ramas'				
						Aucei			1

or

Trippin' with

Category is 'TV Show' & Type is 'Kids' TV'

data.head(2)