

▼ NETFLIX DATA ANALYSIS

Data Analysis using Python

Importing libraries and dataset

```
import pandas as pd  
data=pd.read_csv("/content/Netflix_Dataset.csv")
```

Getting the details of Data

Shapes, Size and datatypes

```
data.head(5)
```



	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date
data.head()					João Miguel					International		
	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R...	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	
1	s2	Movie	07:19	Jorge Michel Grau	Demián Bichir, Héctor Bonilla, Oscar Serrano, ...	Mexico	December 23, 2016	TV-MA	93 min	Dramas, International Movies	After a devastating earthquake hits Mexico Cit...	
2	s3	Movie	23:59	Gilbert Chan	Tedd Chan, Stella Chung, Henley Hii, Lawrence ...	Singapore	December 20, 2018	R	78 min	Horror Movies, International Movies	When an army recruit is found dead, his fellow...	

data.tail()

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description
7784	s7783	Movie	Zozo	Josef Fares	Imad Creidi, Antoinette Turk, Elias Gergi, Car...	Sweden, Czech Republic, United Kingdom, Denmar...	October 19, 2020	TV-MA	99 min	Dramas, International Movies	When Lebanon's Civil War deprives Zozo of his ...
7785	s7784	Movie	Zubaan	Mozez Singh	Vicky Kaushal, Sarah-Jane Dias, ...	India	March 2, 2019	TV-14	111 min	Dramas, International Movies, Music	A scrappy but poor boy worms his way into a

```
data.shape
```

```
(7789, 11)
```

```
7789  s7789  movie  in Japan  India  Nastya C  India  2020  TV-14  44 min  Movies Music South African
```

```
data.size
```

```
85679
```

```
data.columns
```

```
Index(['Show_Id', 'Category', 'Title', 'Director', 'Cast', 'Country',  
      'Release_Date', 'Rating', 'Duration', 'Type', 'Description'],  
      dtype='object')
```

```
data.dtypes
```

```
Show_Id      object  
Category     object  
Title        object  
Director     object  
Cast         object  
Country      object  
Release_Date object  
Rating       object
```

```

Duration      object
Type          object
Description    object
dtype: object

```

```
data.info()
```

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 7789 entries, 0 to 7788
Data columns (total 11 columns):
 #   Column          Non-Null Count  Dtype
---  -
 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   Type            7789 non-null   object
10  Description      7789 non-null   object
dtypes: object(11)
memory usage: 669.5+ KB

```

Find Duplicates and drop that duplicate values

```
data[data.duplicated()]
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description
6300	s684	Movie	Backfire	Dave Patten	Black Deniro, Byron "Squally" Vinson, Dominic ...	United States	April 5, 2019	TV-MA	97 min	Dramas, Independent Movies, Thrillers	When two would-be robbers accidentally kill a ...

```
data.drop_duplicates(inplace=True)
```

```
data[data.duplicated()]
```

Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description
---------	----------	-------	----------	------	---------	--------------	--------	----------	------	-------------

▼ Data Filtering

Check wether there is null value or not and count the null values.

```
data.isnull()
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description
0	False	False	False	True	False	False	False	False	False	False	False

```
data.isnull().sum()
```

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

Show the representation of null values using heatmap.

```
1107 rows x 11 columns
```

```
import seaborn as sns
sns.heatmap(data.isnull())
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7fb91184d750>
```



```
data.head()
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R...	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...
1	s2	Movie	07:19	Jorge Michel Grau	Demián Bichir, Héctor Bonilla, Oscar Serrano, ...	Mexico	December 23, 2016	TV-MA	93 min	Dramas, International Movies	After a devastating earthquake hits Mexico Cit...
2	s3	Movie	23:59	Gilbert Chan	Tedd Chan, Stella Chung, Henley Hii, Lawrence ...	Singapore	December 20, 2018	R	78 min	Horror Movies, International Movies	When an army recruit is found dead, his fellow...

Find the show having title **House of Cards**.

```
data[data['Title'].isin(['House of Cards'])]
# data[data['Title'].str.contains('House of Cards')] ----- another function for same result
```

Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description
---------	----------	-------	----------	------	---------	--------------	--------	----------	------	-------------

```
data.dtypes
```

```
Show_Id      object
Category     object
Title        object
Director     object
Cast         object
Country      object
Release_Date object
Rating       object
Duration     object
Type        object
Description  object
dtype: object
```

Find in which year most of the TV Shows and Movies are released and plot the graph for the same.

```
data['Date']=pd.to_datetime(data['Release_Date'])
```

```
data.head()
```


	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R... Damián Richir	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ... After a	2020- 08-14

data.dtypes

```
Show_Id      object
Category      object
Title         object
Director      object
Cast          object
Country       object
Release_Date  object
Rating        object
Duration      object
Type          object
Description    object
Date          datetime64[ns]
dtype: object
```

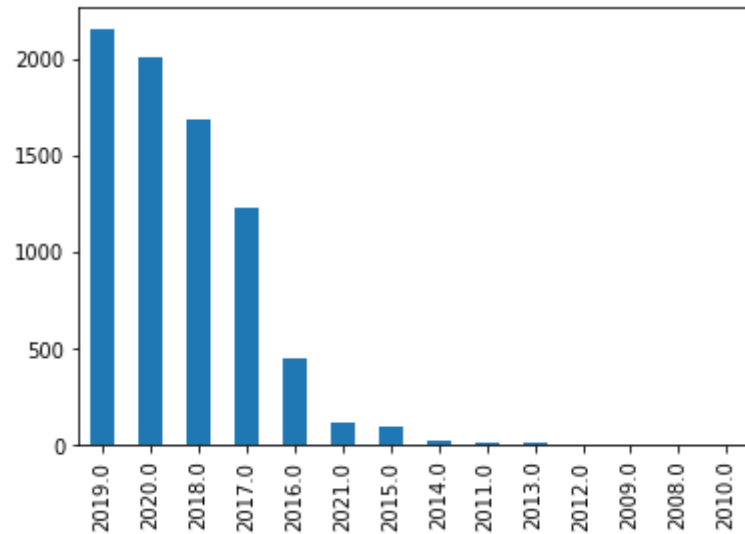
data['Date'].dt.year.value_counts()

```
2019.0    2153
2020.0    2009
2018.0    1685
2017.0    1225
2016.0     443
2021.0     117
2015.0      88
2014.0      25
2011.0      13
2013.0      11
2012.0       3
2009.0       2
2008.0       2
```

```
2010.0      1
Name: Date, dtype: int64
```

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

```
<matplotlib.axes._subplots.AxesSubplot at 0x7fb908a92e10>
```



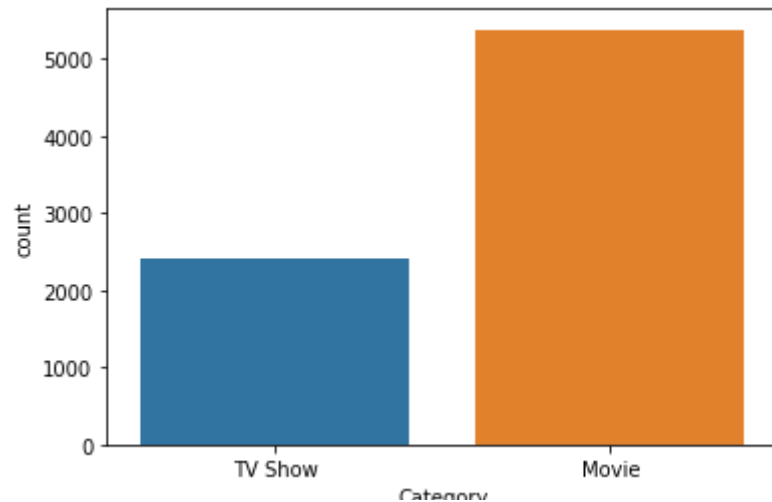
Count and Represent the TV Shows and Movies data graphically.

```
data.groupby('Category').Category.count()
```

```
Category
Movie      5377
TV Show    2410
Name: Category, dtype: int64
```

```
sns.countplot(data['Category'])
```

```
/usr/local/lib/python3.7/dist-packages/seaborn/_decorators.py:43: FutureWarning: Pass the following variable as a keyword arg:
  FutureWarning
<matplotlib.axes._subplots.AxesSubplot at 0x7fb908a7b8d0>
```



Find the Movies released in the year of 2000.

```
data.head()
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R...	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14
1	s2	Movie	07:19	Jorge Michel Grau	Demián Bichir, Héctor Bonilla, Oscar Serrano, ...	Mexico	December 23, 2016	TV-MA	93 min	Dramas, International Movies	After a devastating earthquake hits Mexico Cit...	2016-12-23
2	s3	Movie	23:59	Gilbert Chan	Tedd Chan, Stella Chung, Henley Hii, Lawrence	Singapore	December 20, 2018	R	78 min	Horror Movies, International Movies	When an army recruit is found dead, his fellow	2018-12-20

Here first we create the column having the data of year only from the **Date** Column.

```
data['Year']=data['Date'].dt.year
```

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes.	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	
4	s5	Movie	21	Robert Luketic	Jim Sturgess, Kevin Spacey, Kate Bosworth, Aaron Eckhart	United States	January 1, 2020	PG-13	123 min	Dramas	A brilliant group of students become card-counters	2 (
6	s7	Movie	122	Yasir Al Yasiri	Amina Khalil, Ahmed Dawood, Tarek Lotfy, Ahmed El Emam	Egypt	June 1, 2020	TV-MA	95 min	Horror Movies, International Movies	After an awful accident, a couple admitted to ...	2 (
14	s15	Movie	3022	John Suits	Omar Epps, Kate Walsh, Miranda Cosgrove, Angus T. Jones	United States	March 19, 2020	R	91 min	Independent Movies, Sci-Fi & Fantasy, Thrillers	Stranded when the Earth is suddenly destroyed ...	2 (
27	s28	Movie	#Alive	Cho Il	Yoo Ah-in, Park Shin-hye	South Korea	September 8, 2020	TV-MA	99 min	Horror Movies, International Movies, Thrillers	As a grisly virus rampages a city, a lone man ...	2 (
28	s29	Movie	#AnneFrank - Parallel Stories	Sabina Fedeli, Anna Migotto	Helen Mirren, Gengher Gatti	Italy	July 1, 2020	TV-14	95 min	Documentaries, International Movies	Through her diary, Anne Frank's story is retol...	2 (
...
7762	s7761	Movie	Zeki Chen	Wael	Ahmed Helmy, Yasmin Abdelaziz	Egypt	May 10, 2020	TV-14	100 min	Comedies, International Movies	An unqualified young man	2 (

1102 57701 MOVIE ZARIF CHAN Ihsan Abdulaziz, Hassan Hosny Egypt May 13, 2020 TV-PG 109 min
 movies, Romantic Movies young man has his work cut out

Find the Title of TV Shows that belongs to India.

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes.	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

```
data[(data['Category']=='TV Show') & (data['Country']=='India')]['Title']
```

```
86          21 Sarfarosh: Saragarhi 1897
132          7 (Seven)
340          Agent Raghav
```

```

364                Akbar Birbal
533            Anjaan: Rural Myths
...
6249            The Creative Indians
6400    The Golden Years with Javed Akhtar
6469            The House That Made Me
7294                Typewriter
7705            Yeh Meri Family
Name: Title, Length: 71, dtype: object

```

Top 10 Director.

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes.	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

```
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
Martin Scorsese           12
Steven Spielberg          10
David Dhawan              9

```

Shannon Hartman 8
 Name: Director, dtype: int64

Find the Movie of Type Comedies having Country Canada but not neccessarily.

data.head(5)

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R...	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	20
1	s2	Movie	07:19	Jorge Michel Grau	Demián Bichir, Héctor Bonilla, Oscar Serrano, ... Tedd Chan	Mexico	December 23, 2016	TV-MA	93 min	Dramas, International Movies	After a devastating earthquake hits Mexico Cit...	2016-12-23	20

data[(data['Category']=='Movie') & (data['Type']=='Comedies') | (data['Country']=='United Kingdom')]

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description
19	s20	Movie	'89	NaN	Lee Dixon, Ian Wright, Paul Merson	United Kingdom	May 16, 2018	TV-PG	87 min	Sports Movies	Mixing old footage with interviews, this is th...
33	s34	Movie	#realityhigh	Fernando Lebrija	Nesta Cooper, Kate Walsh, John Michael Higgins...	United States	September 8, 2017	TV-14	99 min	Comedies	When nerdy high schooler Dani finally attracts...
58	s59	TV Show	100% Hotter	NaN	Daniel Palmer, Melissa Sophia, Karen Williams,...	United Kingdom	November 1, 2019	TV-14	1 Season	British TV Shows, International TV Shows, Real...	A stylist, a hair designer and a makeup artist...
72	s73	Movie	17 Again	Burr Steers	Zac Efron, Leslie Mann, Matthew Perry, Thomas ...	United States	January 1, 2021	PG-13	102 min	Comedies	Nearing a midlife crisis, thirty-something Mik...
82	s83	Movie	2036 Origin Unknown	Hasraf Dulull	Katee Sackhoff, Ray Fearon, Julie Cox, Steven ...	United Kingdom	December 20, 2018	TV-14	95 min	Sci-Fi & Fantasy	Working with an artificial intelligence to inv...
...
7670	s7669	TV Show	World War II in Colour	NaN	Robert Powell	United Kingdom	August 1, 2017	TV-MA	1 Season	British TV Shows, Docuseries, International	Footage of the most dramatic moments

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes.	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

```
new=data.dropna()  
new.head(2)
```

Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Year	
1	s2	Movie	07:19	Jorge Michel Grau	Demián Bichir, Héctor Bonilla, Oscar Serrano.	Mexico	December 23, 2016	TV-MA	93 min	Dramas, International Movies	After a devastating earthquake hits Mexico Cit...	2016-12-23	2016.0

Shows having casting of Tom Cruise.

```
new[new['Cast'].str.contains('Tom Cruise')]
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date
3860	s3861	Movie	Magnolia	Paul Thomas Anderson	Jeremy Blackman, Tom Cruise, Melinda Dillon, A...	United States	January 1, 2020	R	189 min	Dramas, Independent Movies	Through chance, human action, past history and...	2020-01-01

Rating

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes.	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

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

```
14
```

```
data['Rating'].unique()
```

```
array(['TV-MA', 'R', 'PG-13', 'TV-14', 'TV-PG', 'NR', 'TV-G', 'TV-Y', nan, 'TV-Y7', 'PG', 'G', 'NC-17', 'TV-Y7-FV', 'UR'], dtype=object)
```

How many Movies having Rating TV-14 and are from Canada.

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes.	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

```
data[(data['Category']=='Movie') & (data['Rating']=='TV-14') & (data['Country']=='Canada')].shape
```

(11, 13)

TV Shows having rating R released after 2018.

```
data[(data['Category']=='TV Show') & (data['Rating']=='R') & (data['Year']>2018)]
```

Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Year
		The Hateful	Quentin	Samuel L. Jackson,					TV	Trapped at a stagecoach	2010	

Highest duration.

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

Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea	
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes.	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

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

```
array(['4 Seasons', '93 min', '78 min', '80 min', '123 min', '1 Season',  
      '95 min', '119 min', '118 min', '143 min', '103 min', '89 min',  
      '91 min', '149 min', '144 min', '124 min', '87 min', '110 min',
```

```
'128 min', '117 min', '100 min', '2 Seasons', '84 min', '99 min',
'90 min', '102 min', '104 min', '105 min', '56 min', '125 min',
'81 min', '97 min', '106 min', '107 min', '109 min', '44 min',
'75 min', '101 min', '3 Seasons', '37 min', '113 min', '114 min',
'130 min', '94 min', '140 min', '135 min', '82 min', '70 min',
'121 min', '92 min', '164 min', '53 min', '83 min', '116 min',
'86 min', '120 min', '96 min', '126 min', '129 min', '77 min',
'137 min', '148 min', '28 min', '122 min', '176 min', '85 min',
'22 min', '68 min', '111 min', '29 min', '142 min', '168 min',
'21 min', '59 min', '20 min', '98 min', '108 min', '76 min',
'26 min', '156 min', '30 min', '57 min', '150 min', '133 min',
'115 min', '154 min', '127 min', '146 min', '136 min', '88 min',
'131 min', '24 min', '112 min', '74 min', '63 min', '38 min',
'25 min', '174 min', '60 min', '153 min', '158 min', '151 min',
'162 min', '54 min', '51 min', '69 min', '64 min', '147 min',
'42 min', '79 min', '5 Seasons', '40 min', '45 min', '172 min',
'10 min', '163 min', '9 Seasons', '55 min', '72 min', '61 min',
'71 min', '160 min', '171 min', '48 min', '139 min', '157 min',
'15 min', '65 min', '134 min', '161 min', '62 min', '8 Seasons',
'186 min', '49 min', '73 min', '58 min', '165 min', '166 min',
'138 min', '159 min', '141 min', '132 min', '52 min', '67 min',
'34 min', '66 min', '312 min', '180 min', '47 min', '6 Seasons',
'155 min', '14 min', '177 min', '11 min', '9 min', '46 min',
'145 min', '11 Seasons', '7 Seasons', '13 Seasons', '8 min',
'12 min', '12 Seasons', '10 Seasons', '43 min', '50 min', '23 min',
'185 min', '200 min', '169 min', '27 min', '170 min', '196 min',
'33 min', '181 min', '204 min', '32 min', '35 min', '167 min',
'16 Seasons', '179 min', '193 min', '13 min', '214 min', '17 min',
'173 min', '192 min', '209 min', '187 min', '41 min', '182 min',
'224 min', '233 min', '189 min', '152 min', '19 min', '15 Seasons',
'208 min', '237 min', '31 min', '178 min', '230 min', '194 min',
'228 min', '195 min', '3 min', '16 min', '5 min', '18 min',
'205 min', '190 min', '36 min', '201 min', '253 min', '203 min',
'191 min'], dtype=object)
```

```
data.Duration.dtypes
```

```
dtype('O')
```

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

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R...	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

```
data.Minutes.max()
```

```
'99'
```

In which Country highest TV Shows are released.

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

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R...	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.

```
data_tv=data[data['Category']=='TV Show']
```

```
data_tv.head(2)
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Yea
0	s1	TV Show	3%	NaN	João Miguel, Bianca Comparato, Michel Gomes, R...	Brazil	August 14, 2020	TV-MA	4 Seasons	International TV Shows, TV Dramas, TV Sci-Fi &...	In a future where the elite inhabit an island ...	2020-08-14	2020.
					Erdal					International	A genetics		

```
data_tv.Country.value_counts()
```

```

United States    705
United Kingdom  204
Japan            157
South Korea      147
India            71
...

```



```
United Kingdom, Spain      1
United Kingdom, West Germany 1
Mexico, Spain              1
United States, New Zealand, Japan 1
India, Germany, France     1
Name: Country, Length: 183, dtype: int64
```

```
data_tv.Country.value_counts().head(1)
```

```
United States    705
Name: Country, dtype: int64
```

▼ Sorting

Sort the data by year.

```
data.sort_values(by='Year').head(5)
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date
7115	s7114	Movie	To and From New York	Sorin Dan Mihalcescu	Barbara King, Shaana Diya, John Krisiukenas, Y...	United States	January 1, 2008	TV-MA	81 min	Dramas, Independent Movies, Thrillers	While covering a story in New York City, a Sea...	2008-01-01
1765	s1766	TV Show	Dinner for Five	NaN	NaN	United States	February 4, 2008	TV-MA	1 Season	Stand-Up Comedy & Talk Shows	In each episode, four celebrities join host Jo...	2008-02-04
			.list		Anders W.						When he	

```
data.sort_values(by='Year',ascending=False).head(5)
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date
5564	s5564	Movie	Sherlock Holmes	Guy Ritchie	Robert Downey Jr., Jude Law, Rachel McAdams, M...	United States, Germany, United Kingdom, Australia	January 1, 2021	PG-13	128 min	Action & Adventure, Comedies	The game is afoot for an eccentric detective w...	2021-01-01
5919	s5919	Movie	Surf's Up	Ash Brannon, Chris Buck	Shia LaBeouf, Jeff Bridges, Zooey Deschanel	United States	January 1, 2021	PG	86 min	Children & Family Movies, Comedies, Sports	This Oscar-nominated animated comedy goes behi	2021-01-01

TV Shows having type Dramas and Movies having Type Kid's TV.

FOLLOW L A S

```
data[((data['Category']=='Movie') & (data['Type']=='Dramas'))|((data['Category']=='TV Show') & (data['Type']=='Kid's TV'))].head(5)
```

	Show_Id	Category	Title	Director	Cast	Country	Release_Date	Rating	Duration	Type	Description	Date	Year
4	s5	Movie	21	Robert Luketic	Jim Sturgess, Kevin Spacey, Kate Bosworth, Aar...	United States	January 1, 2020	PG-13	123 min	Dramas	A brilliant group of students become card-coun...	2020-01-01	2020.0
7	s8	Movie	187	Kevin Reynolds	Samuel L. Jackson, John Heard, Kelly Rowan, Cl...	United States	November 1, 2019	R	119 min	Dramas	After one of his high school students attacks ...	2019-11-01	2019.0
					Gerard						A ruthless		

