[1]:	data = pd.read_csv(r"C:\Users\Hp\Downloads\8. Netflix Dataset.csv") Show_Id Category Title Director Cast Country Release_Date Rating Duration Type Description
	1 s2 Movie 07:19 Michel Grau Demián Bichir, Héctor Bonilla, Oscar Serrano, Mexico December 23, 2016 TV-MA 93 min International Movies Mexico Cit 2 s3 Movie 23:59 Gilbert Chan Tedd Chan, Stella Chung, Henley Hii, Lawrence Singapore December 20, 2018 R 78 min International Movies International Movies Mexico Cit 3 s4 Movie 9 Shane Elijah Wood, John C. Reilly, Jennifer Connelly United States November 16, 2017 PG-13 80 min Adventure, Independent Movies, Sci-Fi In a postapocalyptic world, rag-dol robots hi 4 s5 Movie 3 Movie 3 Movie 3 Movie 3 Movie 3 Movie Spacey Kata Resworth Spacey
	4 s5 Movie 21 Luketic Spacey, Kate Bosworth, Aar
7	7786 s7785 Movie Zulu Man in Japan NaN Nasty C NaN September 25, TV-MA 44 min International Movies, Music & African rappe African rappe (accumentary, South Nast, Reality TV) 7787 s7786 TV Show Zumbo's Just Desserts NaN Adriano Zumbo, Rachel Khoo Australia October 31, TV-PG 1 Season Shows, Reality TV Shows, Reality TV International TV Shows (accumentary, South Nast, Reality TV) 7788 s7787 Movie ZZ TOP: THAT LITTLE Sam Dunn NaN United Kingdom, Canada, United States Nast, Unite
	Show_ld Category Title Director Cast Country Release_Date Rating Duration Type Description 1 TV Show 3% NaN João Miguel, Bianca Comparato, Michel Gomes, R Brazil August 14, 2020 TV-MA Seasons Dramas, TV Sci-Fi & In a future where the elite inhabit an Island 1 \$2\$ Movie 07:19 Jorge Michel Grau Demián Bichir, Héctor Bonilla, Oscar Serrano, Serrano, Serrano, Serrano, Serrano, Singapore December 23, 2016 TV-MA 93 min Dramas, International Movies After a devastating earthquake hits Mexico Cit 2 \$3\$ Movie 2 3:59 Gilbert Chan Tedd Chan, Stella Chung, Henley Hii, Lawrence Singapore December 20, 2018 R 78 min Horror Movies, International Movies Movies Grau dead, his fellow. States States States December 16, PG-13 80 min Action & Adventure, Independent In a postapocalyptic world, rag doll orbots hi States
[4]: _	Show_ld Category Title Director Cast Country Release_Date Rating Duration Type Description 7784 s7783 Movie Zubaan Singh Vicky Kaushal, Sarah-Jane Dias, Raaghav Chanan 7785 s7784 Movie Zulu Man in Japan NaN Nasty C Nasty C Nan Nasty C Nasty C September 25, 2020 TV-Ma September 25, 2020 TV-Ma September 25, 2020 TV-Ma Nath Description Type Description Type Description Civil War depriver 2020 of his 7786 s7786 TV Show Zumbo's Just Desserts NaN Adriano Zumbo, Rachel Khoo
[5]: [5]:	7788 \$7787 Movie ZZ TOP: THAT LITTLE Sam Dunn NaN United Kingdom, Canada, United States March 1, 2020 TV-MA 90 min Music & Music & Musicals Musical
[7]: [[7]:	data.size 85679 columns data.columns Index(['Show_Id', 'Category', 'Title', 'Director', 'Cast', 'Country', 'Release_Date', 'Rating', 'Duration', 'Type', 'Description'], dtype='object') dtypes
	Show_Id
-	<pre><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 4 Cast 7791 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 10 Description 7789 non-null object 11 DataSk. 1. Is there any Duplicate Record in this dataset? If yes , then remove the duplicate records. duplicate()</class></pre>
11]:	Show_ld Category Title Director Cast Country Release_Date Rating Duration Type Description 1 TV Show 3% NaN João Miguel, Bianca Comparato, Michel Gomes, R Mexico Serrano, Mexico Serrano, Serrano, Mexico 2018 2 Sa Movie 23:59 Gilbert Chan Tedd Chan, Stella Chung, Henley Hill, Lawrence Lawrence Singapore States Movie 3 Shane Acker Elijah Wood, John C. Reilly, Jennifer Connelly States Sosworth, Aar Servano, United States Sosworth, Aar Servano, PG-13 123 min Dramas Action & Adventure, Independent Movies, Sci-Fi In a future where the elite inhabi Dramas, TV Sci-Fi & In a future where the elite inhabi Dra
12]: [12]: _	data[data.duplicated()] Show_Id Category Title Director Cast Country Release_Date Rating Duration Type Description Type Description Type Description Type Description
[L6]:	data.shape (7787, 11) Task 2. Is there any Null value present in any column ? Show with Heat-map. isnull() data.head() Show_ld_Category_Title_Director
L7]: [L7]: [Nan
	0 False Fal
16	data.isnull().sum()
8]:	Show_Id 0 Category 0 Title 0 Director 2388 Cast 718 Country 597 Release_Date 10 Rating 7 Duration 0 Type 0 Description 0 dtype: int64 Seaborn library (heat map) import seaborn as sns
.8]: .9]: [.0]: [Show_Td
.8]: .9]: [.0]: [.0]:	Show_Id a category 8 Title 20 8 Director 20
29]: [20]: [21]: [21]: _	Show Id Category 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
[20]: [20]: [22]:	Simple Season library (heat map) Season library
20]: [20]: [21]: [22]: [22]: [23]: [Country 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
24]: [24]: [24]: [24]: [24]: [24]: [24]: [24]: [25]: [26]: [27]: [28	Seaborn library (heat map) Constitution of the control of the con
8]: 9]: 9]: 2]: 3]: 4]: 4]:	This is the second as another
8]: 9]: 2]: 4]: 4]: 5]: 6]: 6]:	Company Comp
8]: 9]: 2]: 4]: 7]: 7]: 7]:	Section
8]: 9]: 2]: 3]: 7]: 8]: 8]: 8]: 9]: 9]: 9]: 9]: 9]: 9]: 9]: 9]: 9]: 9	Section 1
2]: 3]: 4]: 6]: 7]: 8]: 9]: 8]: 9]: 9]: 9]: 9]:	## 1
2]: (a): (b): (c): (c): (d): (d): (d): (d): (d): (d): (d): (d	Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, what is the show to and who is the director of this show? Col. For House of Cards, who is the show to and who is the director of this show. Col. For House of Cards, who is the show to and who is the director of this show. Col. For House of Cards, who is the show to and who is the director of this show. Col. For House of Cards, who is the show to and who is the director of the show to and who is the sho
2]: 3]: 4]: 9]: 9]: 9]: 9]: 9]: 9]:	Season blowy (well map) Out For Mouse of Cardo , what is the show id and who is the director of this show? Out For Mouse of Cardo . what is the show id and who is the director of this show? Out For Mouse of Cardo . what is the show id and who is the director of this show? Out For Mouse of Cardo . what is the show id and who is the director of this show? Out For Mouse of Cardo . what is the show id and who is the director of this show? Out For Mouse of Cardo . what is the show id and who is the director of this show? If you want to the show is the show if you want to the cardo . The show is the director of this show? If you want to the show is the show if you want to the show if you want to the show if you want to the show is the show if you want to the show is the show if you want to the show if you wan
2]: 3]: 4]: 9]: 9]: 9]: 9]: 9]: 9]: 9]: 9]:	Section bears (reserved) Section 1999 - The original of the control of the control of this show? Section 1999 - The original of the control of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of this show? Section 1999 - The original of the control of the control of this show? Section 1999 - The original of the control of the contr
8]: 9]: 8]: 9]: 8]: 9]: 8]: 9]: 8]: 9]: 9]: 8]: 9]: 9]: 8]: 9]: 9]: 9]:	A single of the control of the Total control of the Total control of the control
2.7 3.3 3.4 3.5 3.6 3.7 3.7 3.7 3.8 3.9 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.7 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.7 3.8 3.9 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.7 3.8 3.9 3.1 3.2 3.3 3.4 3.5 3.7 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 </td <td>2. For Hander of Carry 1991 1992 1992 1992 1992 1992 1992 199</td>	2. For Hander of Carry 1991 1992 1992 1992 1992 1992 1992 199
8]: 9]: 9]: 9]:	201-19 19 19 19 19 19 19 19
	A continue to
8]: 9]: 9]: 9]: 9]: 9]: 7]: 7]: 7]: 7]: 9]: 9]: 9]: 9]: 9]: 9]: 9]: 9]: 9]: 9	A