

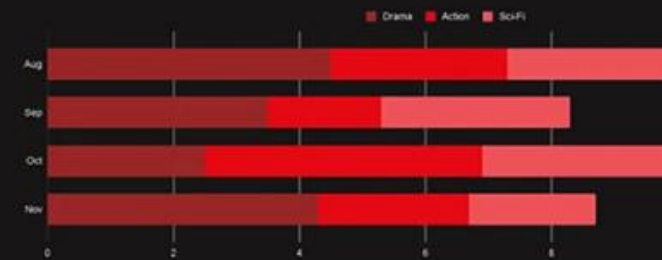
RELEASE CALENDAR

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.



YOUR STATS

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.



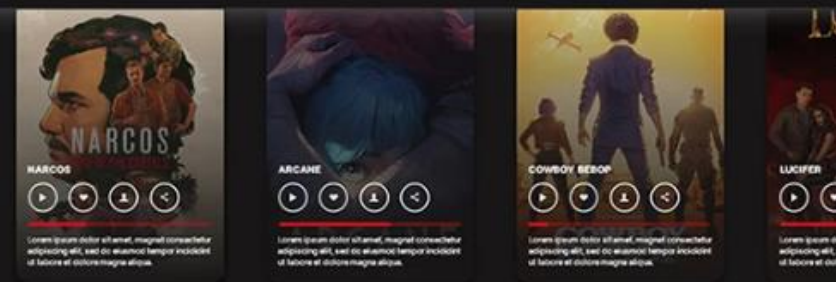
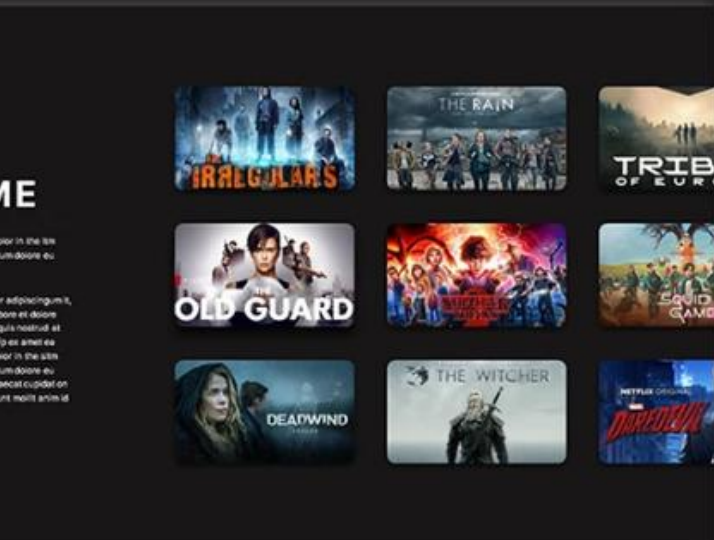
TOTAL WATCHTIME

860 hrs
which is about 36 days

TOP GENRES

Drama, Action, Sci-Fi, F
from 32 shows

NETFLIX



OBJECTIV

This project aims to analyze the content available on the Netflix platform, including both movies and TV shows, using data analysis tools in the Python programming language. Libraries such as **Pandas**, **Plotly**, and **Streamlit** were used to build an interactive **dashboard** that visually presents the data and helps extract meaningful insights.

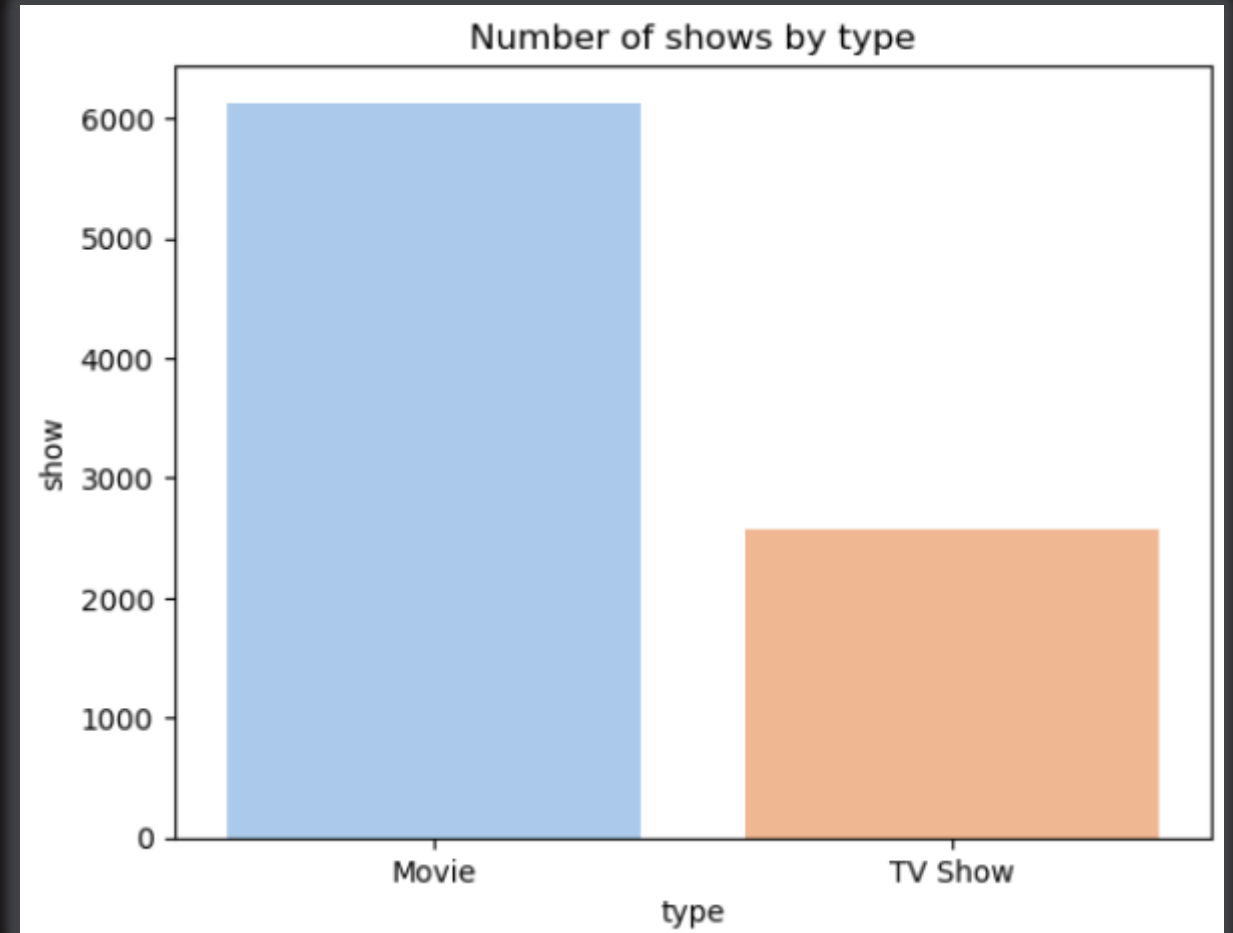
DATA

***	🔍 show_id	🔍 type	🔍 title	🔍 director	🔍 cast	🔍 country	🔍 date_added	# release_year	🔍 rating	🔍 duration	🔍 listed_in	🔍 description
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	Missing value	United States	September 25, 2021		2020 PG-13	90 min	Documentaries	As her father nears the end of his life
1	s2	TV Show	Blood & Water	Missing value	Ama Qamata, Khosi Ngema, Gail Ma	South Africa	September 24, 2021		2021 TV-MA	2 Seasons	International TV Shows, TV Dramas,	After crossing paths at a party, a Cap
2	s3	TV Show	Ganglands	Julien Leclercq	Sami Bouajila, Tracy Gotoas, Samuel	Missing value	September 24, 2021		2021 TV-MA	1 Season	Crime TV Shows, International TV Sh	To protect his family from a powerfu
3	s4	TV Show	Jailbirds New Orleans	Missing value	Missing value	Missing value	September 24, 2021		2021 TV-MA	1 Season	Docuseries, Reality TV	Feuds, flirtations and toilet talk go d
4	s5	TV Show	Kota Factory	Missing value	Mayur More, Jitendra Kumar, Ranjan	India	September 24, 2021		2021 TV-MA	2 Seasons	International TV Shows, Romantic TV	In a city of coaching centers known f
5	s6	TV Show	Midnight Mass	Mike Flanagan	Kate Siegel, Zach Gilford, Hamish Lir	Missing value	September 24, 2021		2021 TV-MA	1 Season	TV Dramas, TV Horror, TV Mysteries	The arrival of a charismatic young pi
6	s7	Movie	My Little Pony: A New Generation	Robert Cullen, José Luis Ucha	Vanessa Hudgens, Kimiko Glenn, Jan	Missing value	September 24, 2021		2021 PG	91 min	Children & Family Movies	Equestria's divided. But a bright-eye
7	s8	Movie	Sankofa	Haile Gerima	Kofi Ghanaba, Oyafunmike Ogundun	United States, Ghana, Burkina Faso, I	September 24, 2021		1993 TV-MA	125 min	Dramas, Independent Movies, Intern	On a photo shoot in Ghana, an Ame
8	s9	TV Show	The Great British Baking Show	Andy Devonshire	Mel Giedroyc, Sue Perkins, Mary Ben	United Kingdom	September 24, 2021		2021 TV-14	9 Seasons	British TV Shows, Reality TV	A talented batch of amateur bakers i
9	s10	Movie	The Starling	Theodore Melfi	Melissa McCarthy, Chris O'Dowd, Ke	United States	September 24, 2021		2021 PG-13	104 min	Comedies, Dramas	A woman adjusting to life after a los
10	s11	TV Show	Vendetta: Truth, Lies and The Mafia	Missing value	Missing value	Missing value	September 24, 2021		2021 TV-MA	1 Season	Crime TV Shows, Docuseries, Intern	Sicily boasts a bold "Anti-Mafia" coa
11	s12	TV Show	Bangkok Breaking	Kongkiat Komesiri	Sukollawat Kanarot, Sushar Manayin	Missing value	September 23, 2021		2021 TV-MA	1 Season	Crime TV Shows, International TV Sh	Struggling to earn a living in Bangko
12	s13	Movie	Je Suis Karl	Christian Schwchow	Luna Wedler, Jannis Niewöhner, Mili	Germany, Czech Republic	September 23, 2021		2021 TV-MA	127 min	Dramas, International Movies	After most of her family is murdered
13	s14	Movie	Confessions of an Invisible Girl	Bruno Garotti	Klara Castanho, Lucca Picon, Júlia G	Missing value	September 22, 2021		2021 TV-PG	91 min	Children & Family Movies, Comedies	When the clever but socially-awkwai
14	s15	TV Show	Crime Stories: India Detectives	Missing value	Missing value	Missing value	September 22, 2021		2021 TV-MA	1 Season	British TV Shows, Crime TV Shows, C	Cameras following Bengaluru police
15	s16	TV Show	Dear White People	Missing value	Logan Browning, Brandon P. Bell, De	United States	September 22, 2021		2021 TV-MA	4 Seasons	TV Comedies, TV Dramas	Students of color navigate the daily
16	s17	Movie	Europe's Most Dangerous Man: Otto	Pedro de Echave García, Pablo Azorí	Missing value	Missing value	September 22, 2021		2020 TV-MA	67 min	Documentaries, International Movie	Declassified documents reveal the p
17	s18	TV Show	Falsa identidad	Missing value	Luis Ernesto Franco, Camila Sodi, Sei	Mexico	September 22, 2021		2020 TV-MA	2 Seasons	Crime TV Shows, Spanish-Language	Strangers Diego and Isabel flee their
18	s19	Movie	Intrusion	Adam Sally	Freida Pinto, Logan Marshall-Green,	Missing value	September 22, 2021		2021 TV-14	94 min	Thrillers	After a deadly home invasion at a co
19	s20	TV Show	Jaguar	Missing value	Blanca Suárez, Iván Marcos, Óscar C	Missing value	September 22, 2021		2021 TV-MA	1 Season	International TV Shows, Spanish-Lan	In the 1960s, a Holocaust survivor jo
20	s21	TV Show	Monsters Inside: The 24 Faces of Bill	Oliver Megaton	Missing value	Missing value	September 22, 2021		2021 TV-14	1 Season	Crime TV Shows, Docuseries, Intern	In the late 1970s, an accused serial r
21	s22	TV Show	Resurrection: Ertugrul	Missing value	Engin Altan Düzyatan, Serdar Gökha	Turkey	September 22, 2021		2018 TV-14	5 Seasons	International TV Shows, TV Action &	When a good deed unwittingly ends
22	s23	Movie	Avvai Shanmughi	K.S. Ravikumar	Kamal Hassan, Meena, Gemini Gan	Missing value	September 21, 2021		1996 TV-PG	161 min	Comedies, International Movies	Newly divorced and denied visitatio
23	s24	Movie	Go! Go! Cory Carson: Chrissy Takes t	Alex Woo, Stanley Moore	Maisie Benson, Paul Killam, Kerry Gu	Missing value	September 21, 2021		2021 TV-Y	61 min	Children & Family Movies	From arcade games to sled days and
24	s25	Movie	J Jeans	S. Shankar	Prashanth, Aishwarya Rai Bachchan,	India	September 21, 2021		1998 TV-14	166 min	Comedies, International Movies, Rom	When the father of the man she love
25	s26	TV Show	Love on the Spectrum	Missing value	Brooke Satchwell	Australia	September 21, 2021		2021 TV-14	2 Seasons	Docuseries, International TV Shows,	Finding love can be hard for anyone
26	s27	Movie	Minsara Kanavu	Rajiv Menon	Anvind Swamy, Kajol, Prabhu Deva, I	Missing value	September 21, 2021		1997 TV-PG	147 min	Comedies, International Movies, Mu	A tangled love triangle ensues when
27	s28	Movie	Grown Ups	Dennis Dugan	Adam Sandler, Kevin James, Chris R	United States	September 20, 2021		2010 PG-13	103 min	Comedies	Mourning the loss of their beloved j
28	s29	Movie	Dark Skies	Scott Stewart	Keri Russell, Josh Hamilton, J.K. Sim	United States	September 19, 2021		2013 PG-13	97 min	Horror Movies, Sci-Fi & Fantasy	A family's idyllic suburban life shatte
29	s30	Movie	Paranoia	Robert Luketic	Liam Hemsworth, Gary Oldman, Ami	United States, India, France	September 19, 2021		2013 PG-13	106 min	Thrillers	Blackmailed by his company's CEO, i
30	s31	Movie	Ankahi Kahaniya	Ashwiny Iyer Tiwari, Abhishek Chaur	Abhishek Banerjee, Rinku Rajguru, D	Missing value	September 17, 2021		2021 TV-14	111 min	Dramas, Independent Movies, Intern	As big city life buzzes around them,
31	s32	TV Show	Chicago Party Aunt	Missing value	Lauren Ash, Rory O'Malley, RuPaul C	Missing value	September 17, 2021		2021 TV-MA	1 Season	TV Comedies	Chicago Party Aunt Diane is an idoli
32	s33	TV Show	Sex Education	Missing value	Asa Butterfield, Gillian Anderson, Ne	United Kingdom	September 17, 2021		2020 TV-MA	3 Seasons	British TV Shows, International TV S	Insecure Otis has all the answers wh
33	s34	TV Show	Squid Game	Missing value	Lee Jung-jae, Park Hae-soo, Wi Ha-j	Missing value	September 17, 2021		2021 TV-MA	1 Season	International TV Shows, TV Dramas,	Hundreds of cash-strapped players i
34	s35	TV Show	Tayo and Little Wizards	Missing value	Dami Lee, Jason Lee, Bonnie Cathe	Missing value	September 17, 2021		2020 TV-Y7	1 Season	Kids' TV	Tayo speeds into an adventure when
35	s36	Movie	The Father Who Moves Mountains	Daniel Sandu	Adrian Titieni, Elena Porea, Judith St	Missing value	September 17, 2021		2021 TV-MA	110 min	Dramas, International Movies, Thrille	When his son goes missing during a
36	s37	Movie	The Stronghold	Cédric Jimenez	Gilles Lellouche, Karim Leklou, Franç	Missing value	September 17, 2021		2021 TV-MA	105 min	Action & Adventure, Dramas, Intern	Tired of the small-time grind, three f
37	s38	TV Show	Angry Birds	Missing value	Antti Pääkkönen, Heijä Heikkinen, Ly	Finland	September 16, 2021		2018 TV-Y7	1 Season	Kids' TV, TV Comedies	Birds Red, Chuck and their feathered
38	s39	Movie	Birth of the Dragon	George Nolfi	Billy Magnussen, Ron Yuan, Qu Jingj	China, Canada, United States	September 16, 2021		2017 PG-13	96 min	Action & Adventure, Dramas	A young Bruce Lee angers kung fu t
39	s40	TV Show	Chhota Bheem	Missing value	Vatsal Dubey, Julie Tejwani, Rupa Bhi	India	September 16, 2021		2021 TV-Y7	3 Seasons	Kids' TV	A brave, energetic little boy with sup

Number of shows by type



```
1
2 sns.countplot(data=netflix, x='type', palette='pastel')
3 plt.title('Number of shows by type')
4 plt.xlabel('type')
5 plt.ylabel('show')
6 plt.show()
7
```

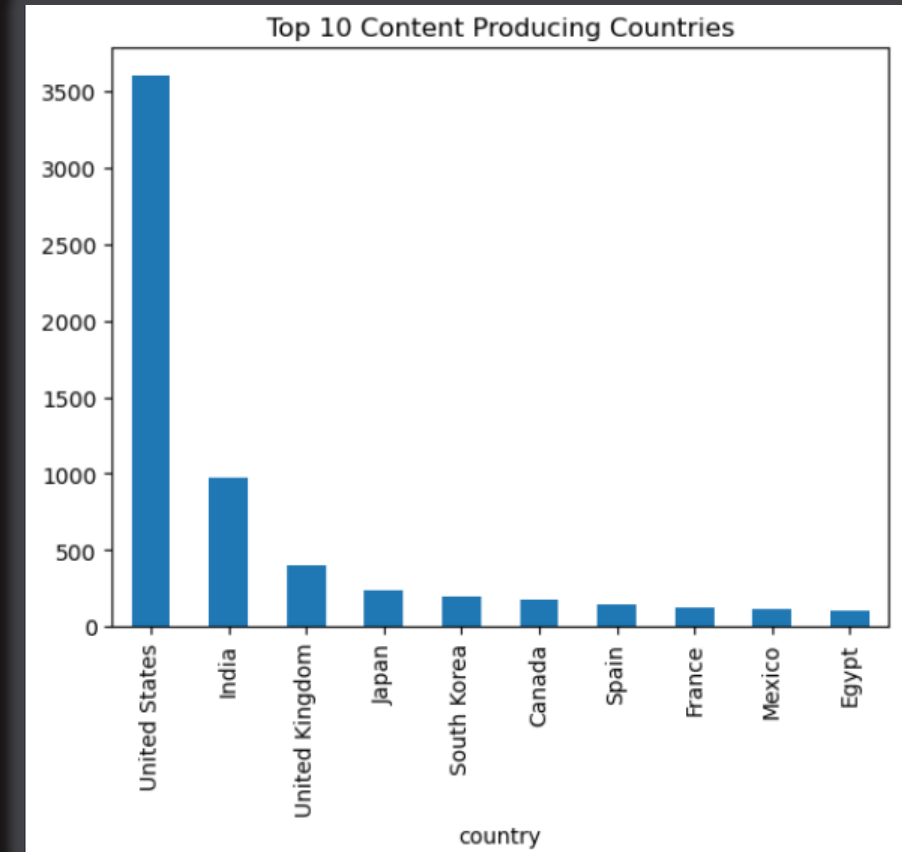


shows the number of shows by type (Movies vs TV Shows), helping to understand which type of content dominates on Netflix.

The countries that produce the most content



```
1 netflix['country'].value_counts().head(10).plot(kind='bar', title='Top 10 Content Producing Countries')
2
```

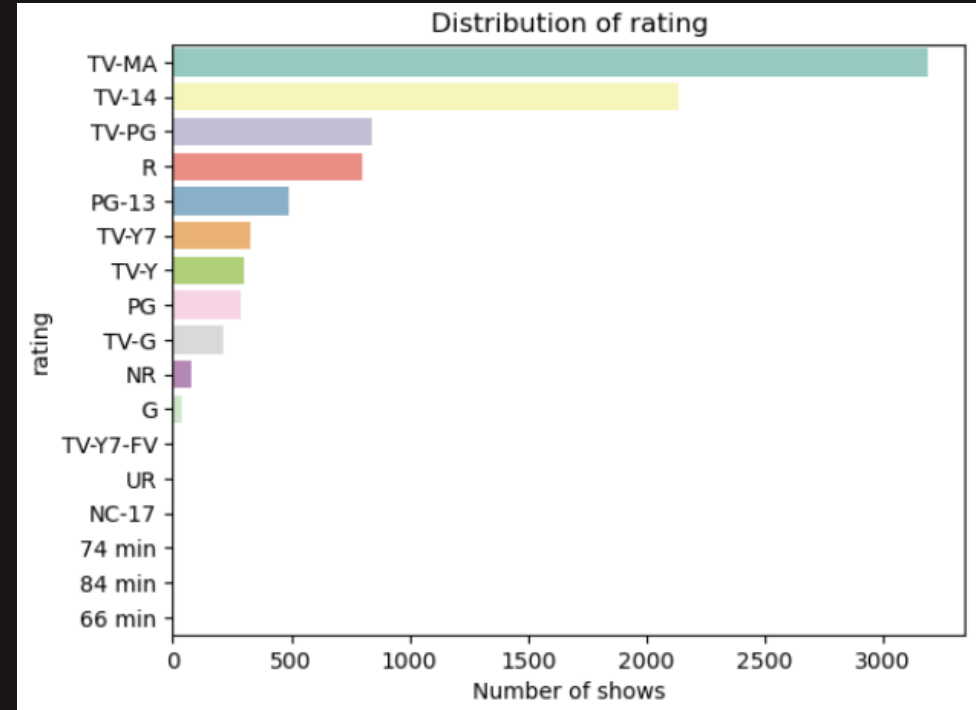


identify the top 10 content-producing countries on Netflix, providing insight into the geographic distribution of its content.

Rating



```
1 sns.countplot(data=netflix, y='rating', order=netflix['rating'].value_counts().index, palette='Set3')
2 plt.title('Distribution of rating')
3 plt.xlabel('Number of shows')
4 plt.ylabel('rating')
5 plt.show()
6
```

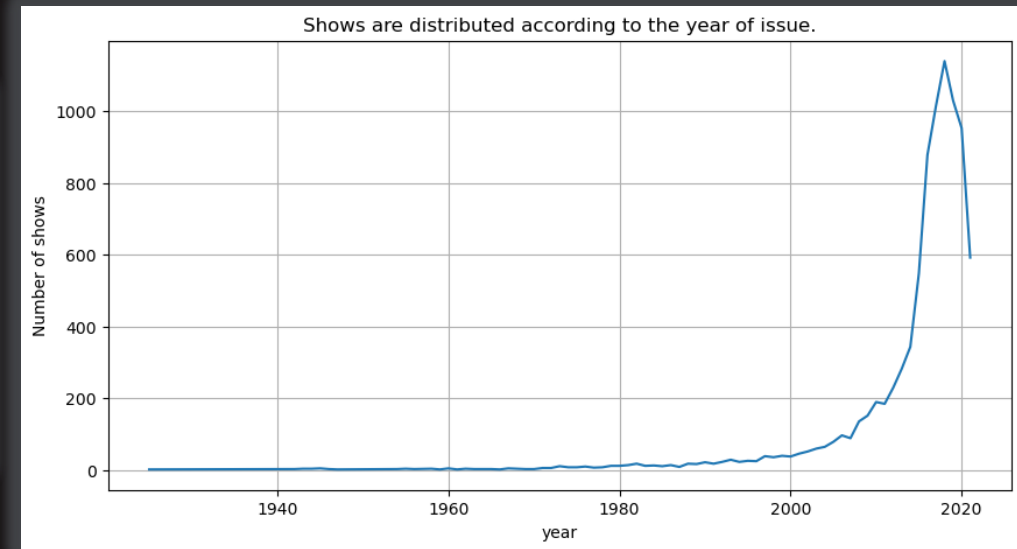


shows the number of shows for each content rating, helping to identify the most common ratings on Netflix.

Evolution of the number of shows by year of release



```
1 netflix['release_year'].value_counts().sort_index().plot(kind='line', figsize=(10, 5))
2 plt.title('Shows are distributed according to the year of issue.')
3 plt.xlabel('year')
4 plt.ylabel('Number of shows')
5 plt.grid(True)
6 plt.show()
7
```

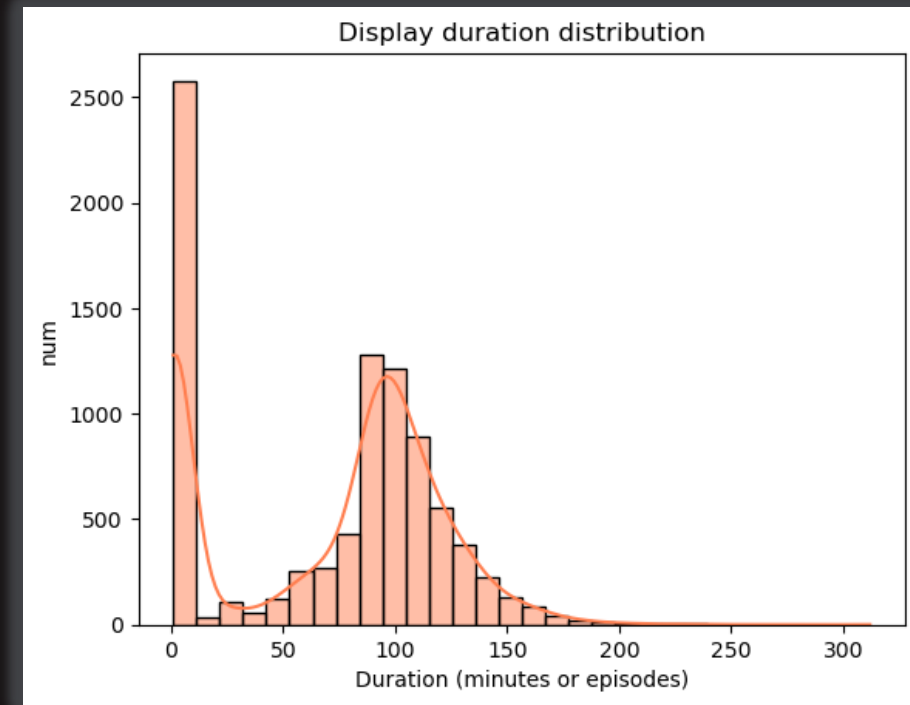


shows how the number of Netflix shows has changed over the years, helping to understand content production trends and growth over time.

Display duration distribution



```
1 sns.histplot(netflix['duration_num'], bins=30, kde=True, color='coral')
2 plt.title('Display duration distribution')
3 plt.xlabel('Duration (minutes or episodes)')
4 plt.ylabel('num')
5 plt.show()
6
```

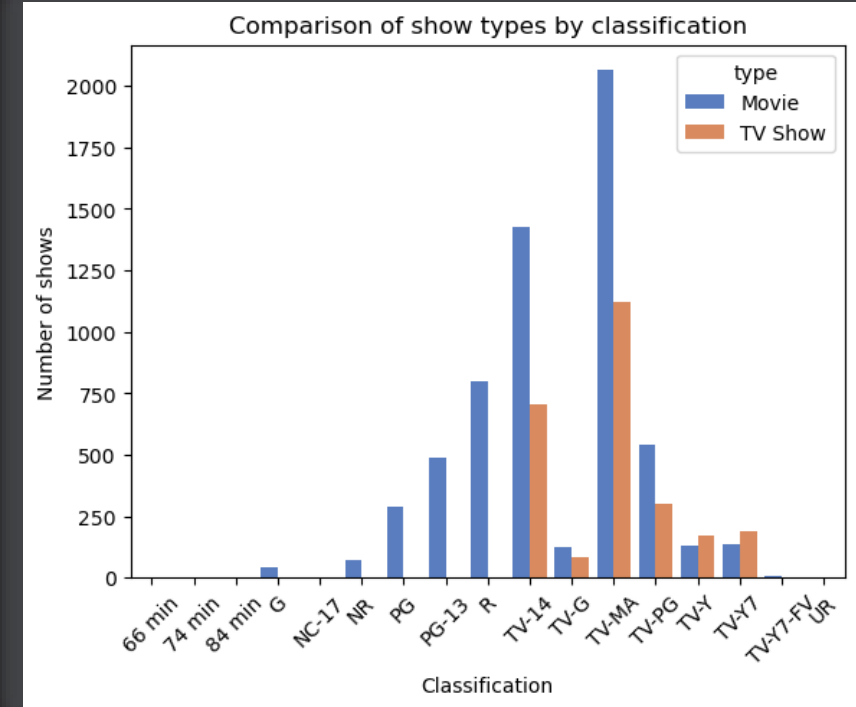


the distribution of content duration on Netflix, revealing common lengths and identifying outliers.

Comparison of show types by classification



```
1 sns.countplot(data=netflix, x='rating', hue='type', palette='muted')
2 plt.title('Comparison of show types by classification')
3 plt.xlabel('Classification')
4 plt.ylabel('Number of shows')
5 plt.xticks(rotation=45)
6 plt.show()
7
```

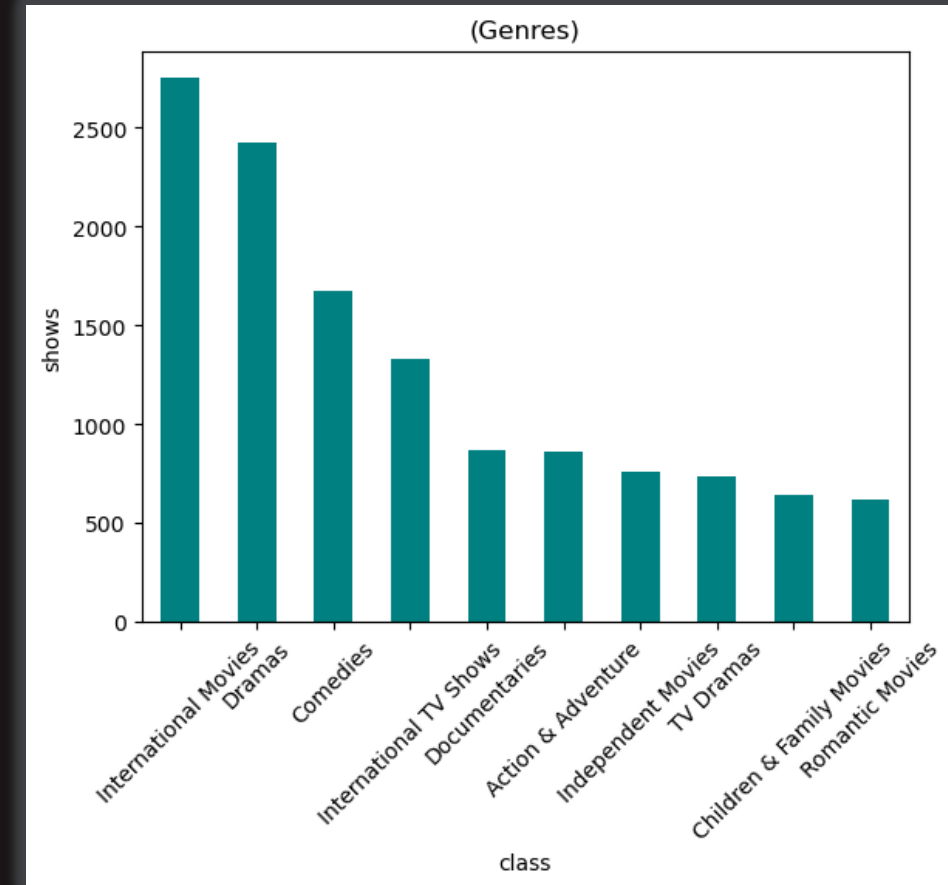


helps compare how different content types (Movies vs TV Shows) are distributed across various rating classifications.

Genres



```
1
2 genres = netflix['listed_in'].str.split(', ')
3 flat_genres = [genre for sublist in genres for genre in sublist]
4 top_genres = pd.Series(Counter(flat_genres)).sort_values(ascending=False).head(10)
5
6 top_genres.plot(kind='bar', color='teal')
7 plt.title('(Genres)')
8 plt.xlabel('class')
9 plt.ylabel('shows')
10 plt.xticks(rotation=45)
11 plt.show()
12
```

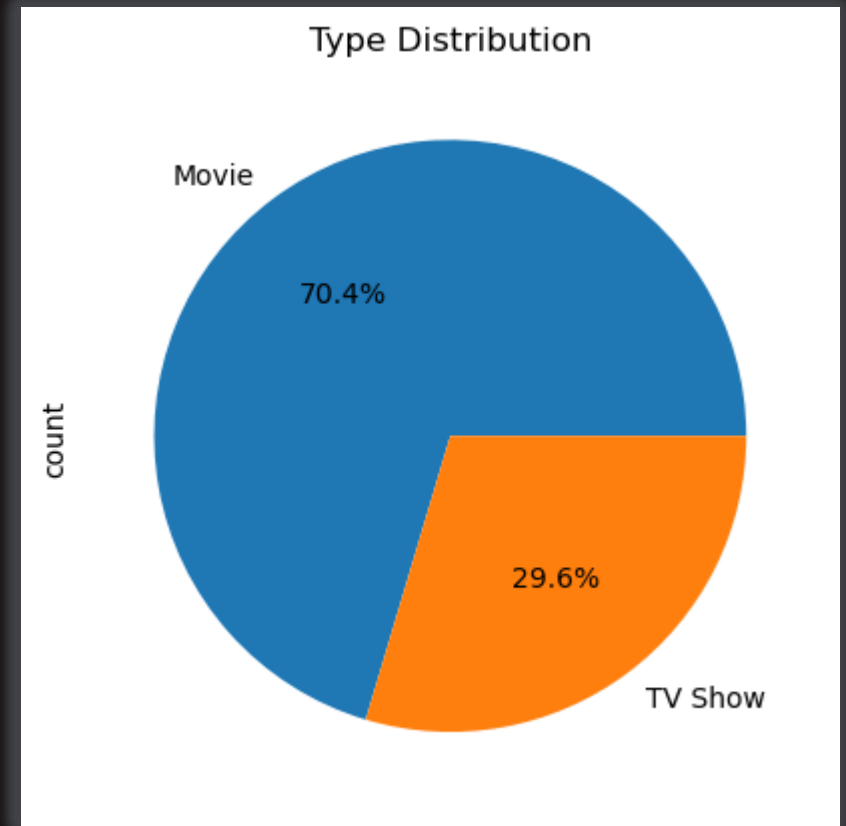


identifies the top 10 most frequent genres on Netflix, helping to understand the platform's content focus and audience preferences.

Distribution by display type



```
1 netflix['type'].value_counts().plot(kind='pie', autopct='%1.1f%%', title='Type Distribution')
2
```



shows the percentage distribution of content types (Movies vs TV Shows) on Netflix, helping understand which type is more dominant.

THANKS