

The background of the slide is a dark collage of various Asian television show posters. Visible titles include 'SpongeBob SquarePants', '刺在你心底的名字', '我親愛的小潔', '消失的積人節', '歌喉讚2', '飯道主夫', '轉學來的女生', and '黑道律師文森佐'. The Netflix logo, consisting of a large red 'N' and the word 'NETFLIX' in white, is centered over the collage.

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Diana +
Zainab

10 – 10 – 2025

Exploratory Data
Analysis on **Netflix**
Shows Dataset



Project Overview:

- Objective: Perform EDA on Netflix Shows Dataset
- Tasks: Data cleaning, pattern discovery, trend analysis, visualization
- Goal: Derive insights about Netflix's content types, genres, regions, and time trends




Dataset Description:

- **Source:** Simulated data.
- **Number of rows:** 8807
- **Number of columns:** 12 columns



Data Cleaning Process

- Handled missing values using imputation.
- Standardized formats (e.g., date, duration)
- Split and simplified multi-valued fields (e.g., genres, cast)



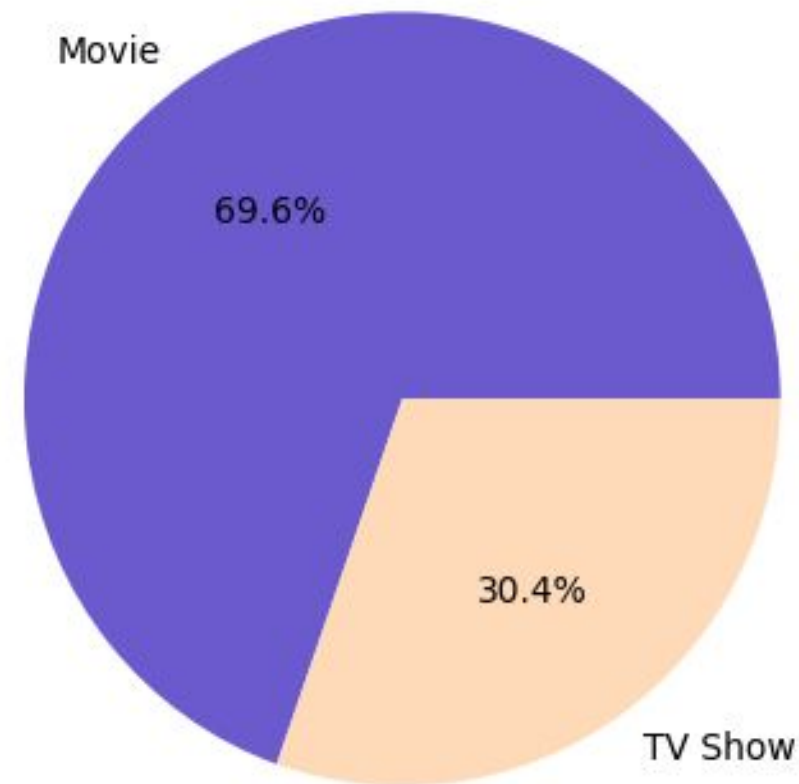
**Let's Dive Into the
Data:**

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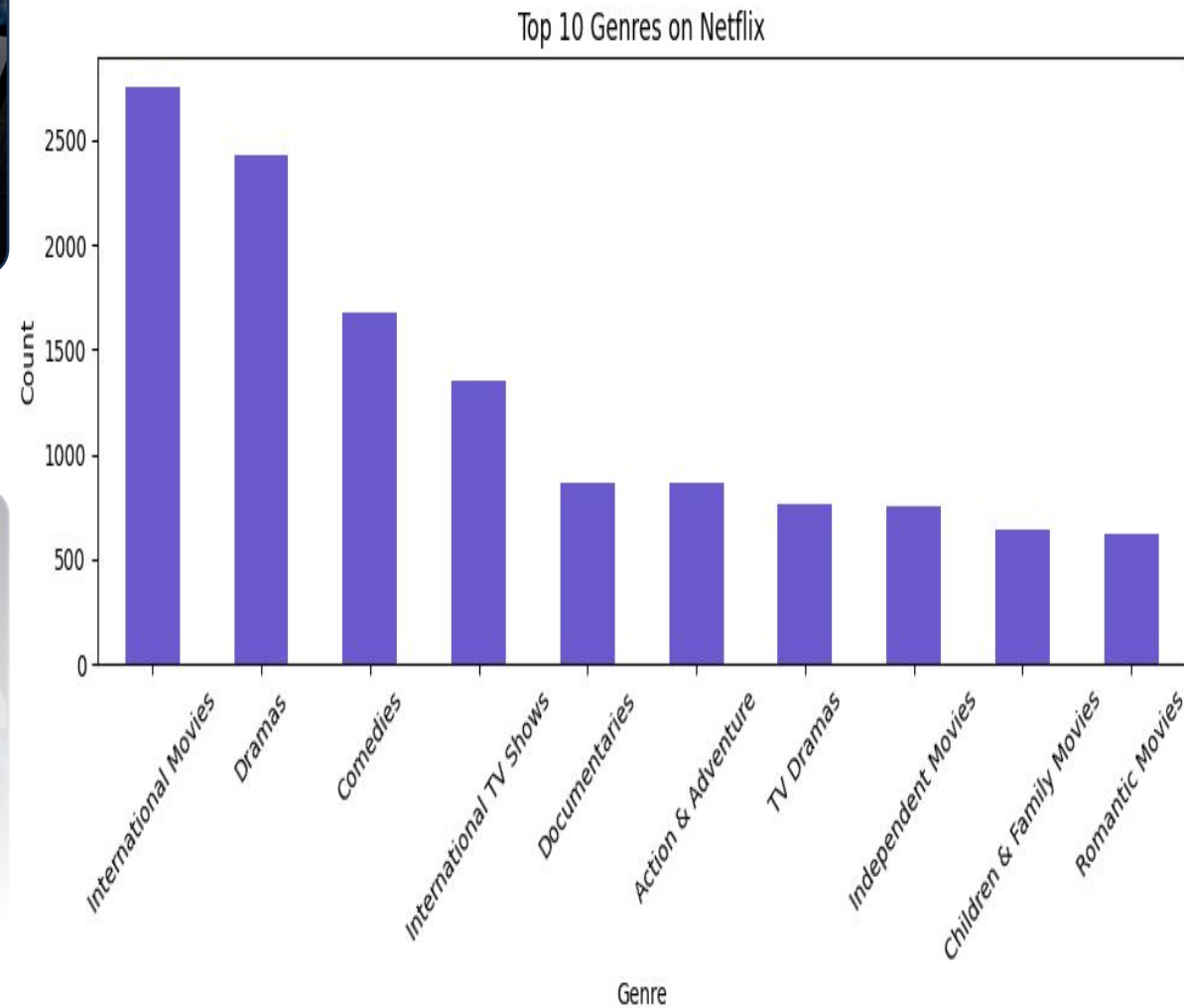
Q1: What is the distribution between Movies and TV Shows on Netflix

Distribution of Content Type



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Q2: What are the top genres listed on Netflix?

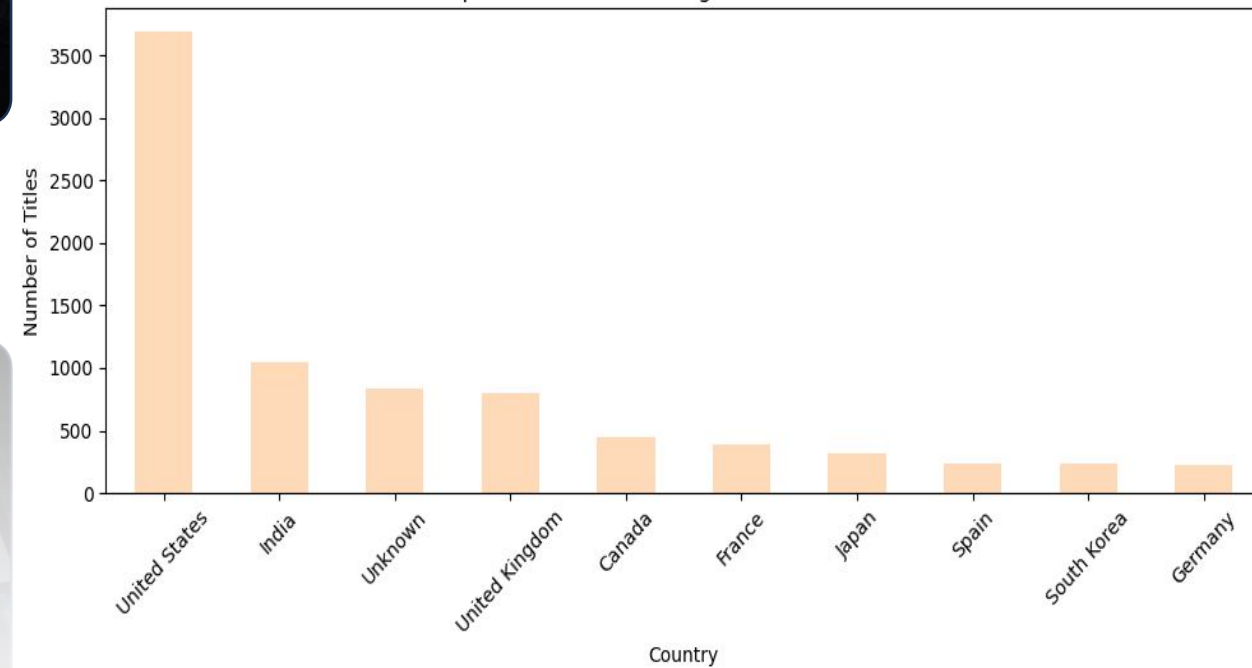




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Q3: Which countries produce the most content available on Netflix?

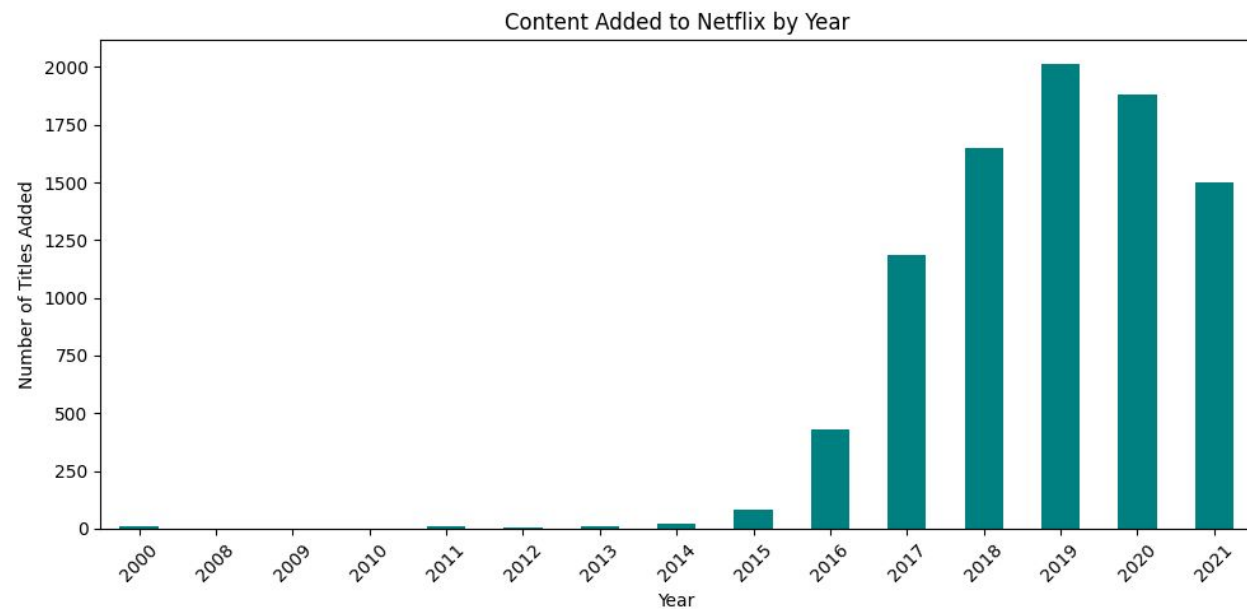
Top 10 Content Producing Countries on Netflix



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Q4: Are there any trends in content addition dates?

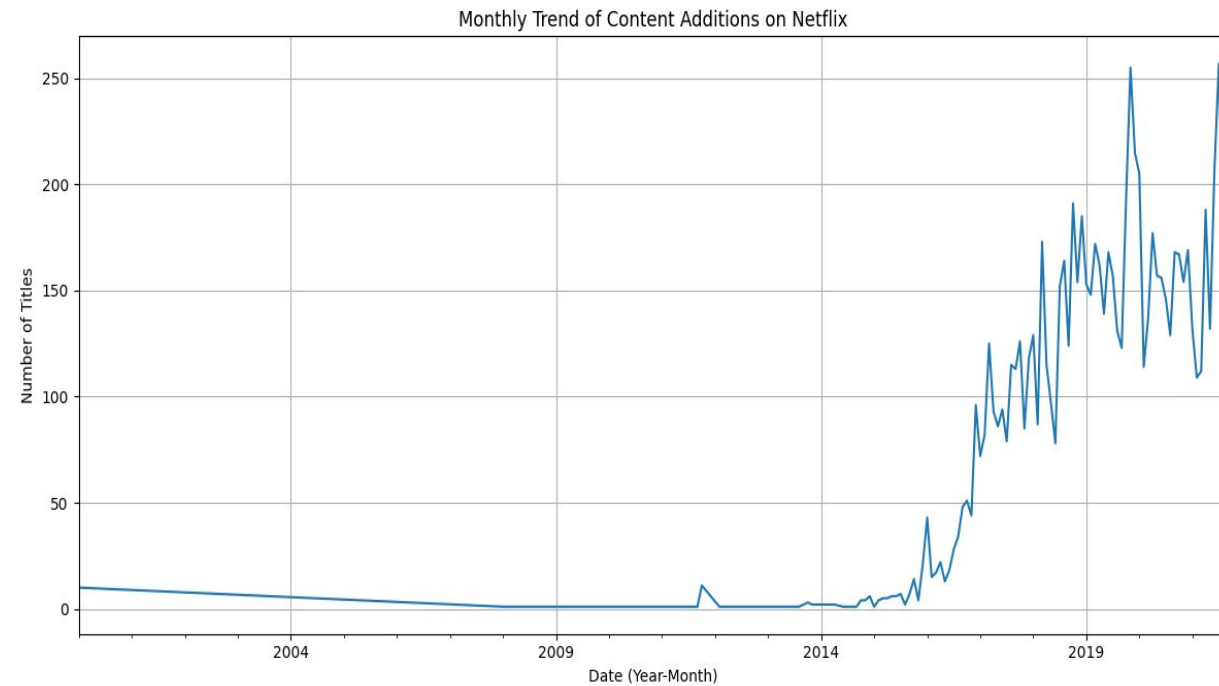
By years





Q4: Are there any trends in content addition dates?

By months





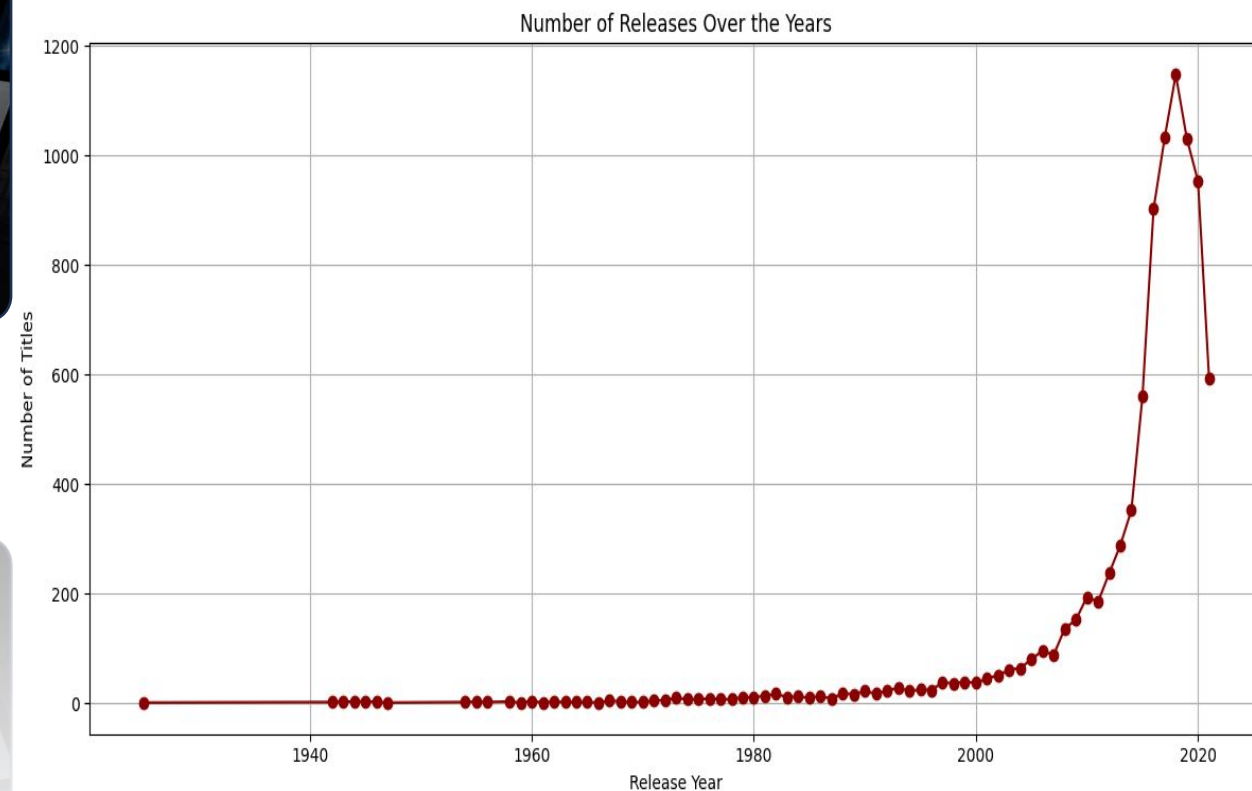
Q5: What is the average duration of movies and TV shows?

Average Movie Duration: 99.6 minutes

Average TV Show Seasons: 1.8

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Q6: How has the number of releases changed over the years?





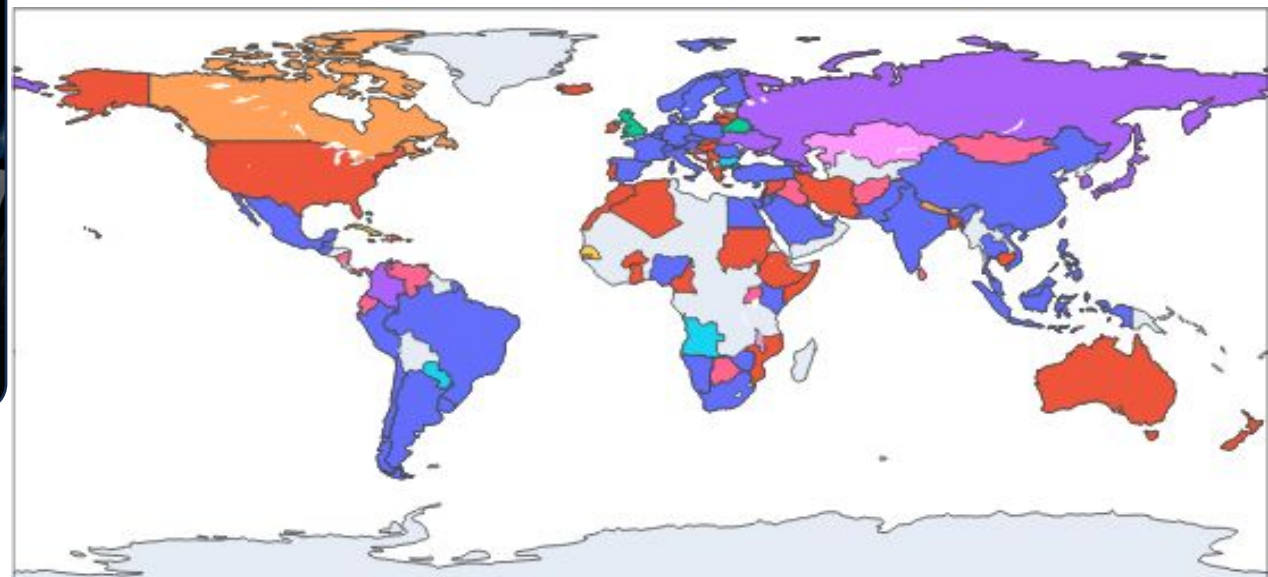
Q8:Who are the most popular directors on Netflix?

Director	count
Rajiv Chilaka	22
Jan Suter	21
Raúl Campos	19
Suhas Kadav	16
Marcus Raboy	16
Jay Karas	15
Cathy Garcia-Molina	13
Martin Scorsese	12
Youssef Chahine	12
Jay Chapman	12



Q9: Who are the most popular actors on Netflix?

Cast	count
Anupam Kher	43
Shah Rukh Khan	35
Julie Tejewani	33
Takahiro Sakurai	32
Naseeruddin Shah	32
Rupa Bhimani	31
Om Puri	30
Akshay Kumar	30
Yuki Kaji	29
Amitabh Bachchan	28



Q10: Which countries produce more genres of content than others?

- genre
- International Movies
 - Dramas
 - British TV Shows
 - International TV Shows
 - Comedies
 - Action & Adventure
 - Documentaries
 - Independent Movies
 - Children & Family Movies
 - Crime TV Shows
 - Kids' TV
 - Horror Movies
 - Romantic Movies
 - Classic Movies

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The
end

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Thanks For Listening

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