



# NETFLIX DATA ANALYTICS

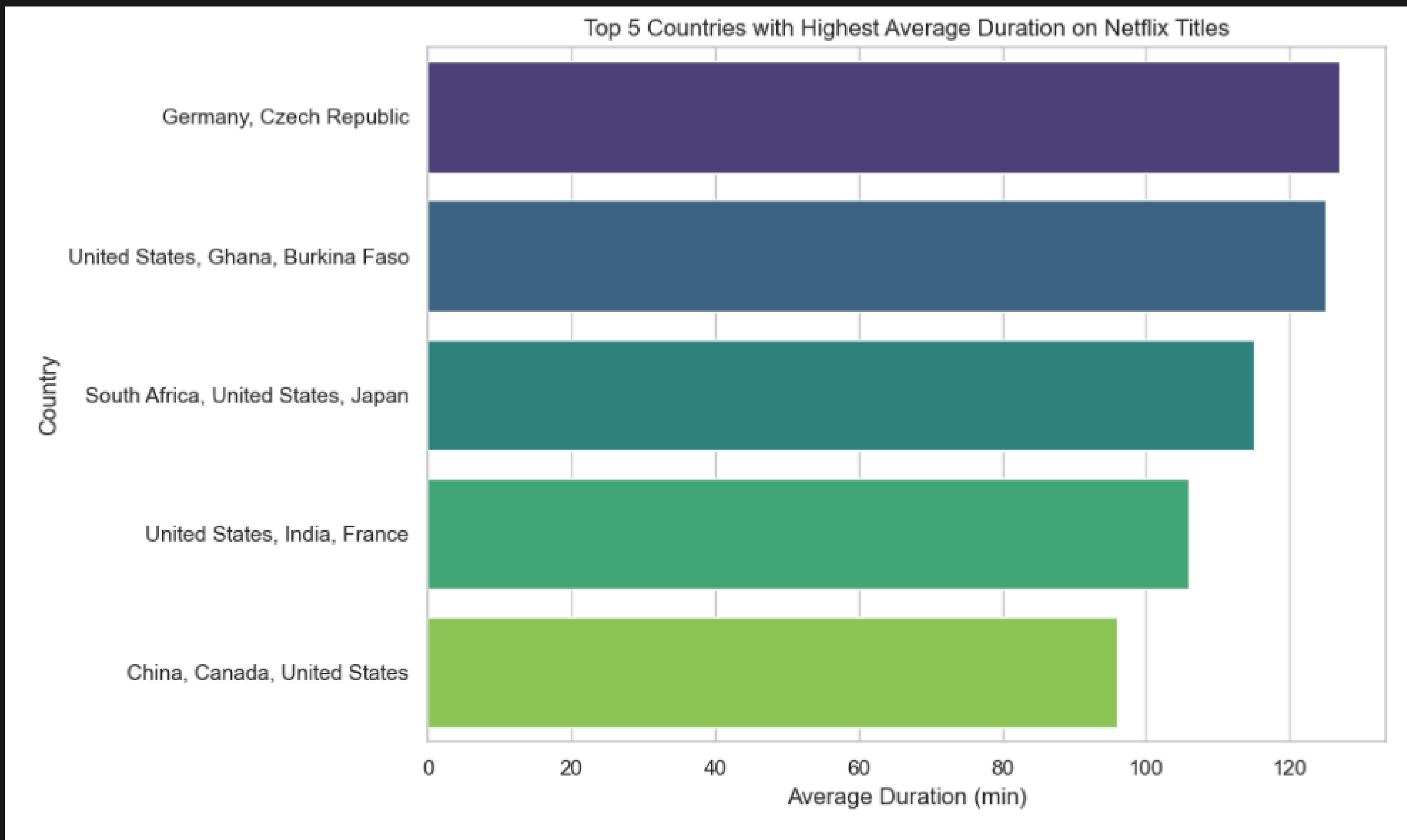
# BASIC DATABASE

## NETFLIX DATA ANALYTICS

show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in
s1	Movie	Dick Johnson Is ...	Kirsten Johnson		United States	September 25, 2021	2020	PG-13	90 min	Documentaries
s2	TV Show	Blood & Water		Ama Qamata, Khosi N...	South Africa	September 24, 2021	2021	TV-MA	2 Seasons	International TV
s3	TV Show	Ganglands	Julien Ledercq	Sami Bouajila, Tracy G...		September 24, 2021	2021	TV-MA	1 Season	Crime TV Shows
s4	TV Show	Jailbirds New Orl...				September 24, 2021	2021	TV-MA	1 Season	Docuseries, Rea
s5	TV Show	Kota Factory		Mayur More, Jitendra ...	India	September 24, 2021	2021	TV-MA	2 Seasons	International TV
s6	TV Show	Midnight Mass	Mike Flanagan	Kate Siegel, Zach Gilfo...		September 24, 2021	2021	TV-MA	1 Season	TV Dramas, TV I
s7	Movie	My Little Pony: A...	Robert Cullen, Jos...	Vanessa Hudgens, Kim...		September 24, 2021	2021	PG	91 min	Children & Famili
s8	Movie	Sankofa	Haile Gerima	Kofi Ghanaba, Oyafun...	United States, Ghana, Bur...	September 24, 2021	1993	TV-MA	125 min	Dramas, Indepe
s9	TV Show	The Great British...	Andy Devonshire	Mel Giedroyc, Sue Per...	United Kingdom	September 24, 2021	2021	TV-14	9 Seasons	British TV Show
s10	Movie	The Starling	Theodore Melfi	Melissa McCarthy, Chr...	United States	September 24, 2021	2021	PG-13	104 min	Comedies, Dram
s11	TV Show	Vendetta: Truth,...				September 24, 2021	2021	TV-MA	1 Season	Crime TV Shows
s12	TV Show	Bangkok Breaking	Kongkiat Komesiri	Sukollawat Kanarot, S...		September 23, 2021	2021	TV-MA	1 Season	Crime TV Shows
s13	Movie	Je Suis Karl	Christian Schwoch...	Luna Wedler, Jannis N...	Germany, Czech Republic	September 23, 2021	2021	TV-MA	127 min	Dramas, Intern
s14	Movie	Confessions of a...	Bruno Garotti	Klara Castanho, Lucca...		September 22, 2021	2021	TV-PG	91 min	Children & Famili
s15	TV Show	Crime Stories: In...				September 22, 2021	2021	TV-MA	1 Season	British TV Show
s16	TV Show	Dear White People		Logan Browning, Bran...	United States	September 22, 2021	2021	TV-MA	4 Seasons	TV Comedies, T

# 1 - WHAT IS THE AVERAGE RUNTIME OF THE MOVIES LISTED IN THE DATABASE?

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## 2 - WHAT PERCENTAGE OF TVSHOWS IN THE DATABASE ARE REALEASED BEFORE 2015 ?

NETFLIX DATA ANALYCIS

45 TV Shows  
Released on or Before 2022

## WRITTEN SQL QUERY

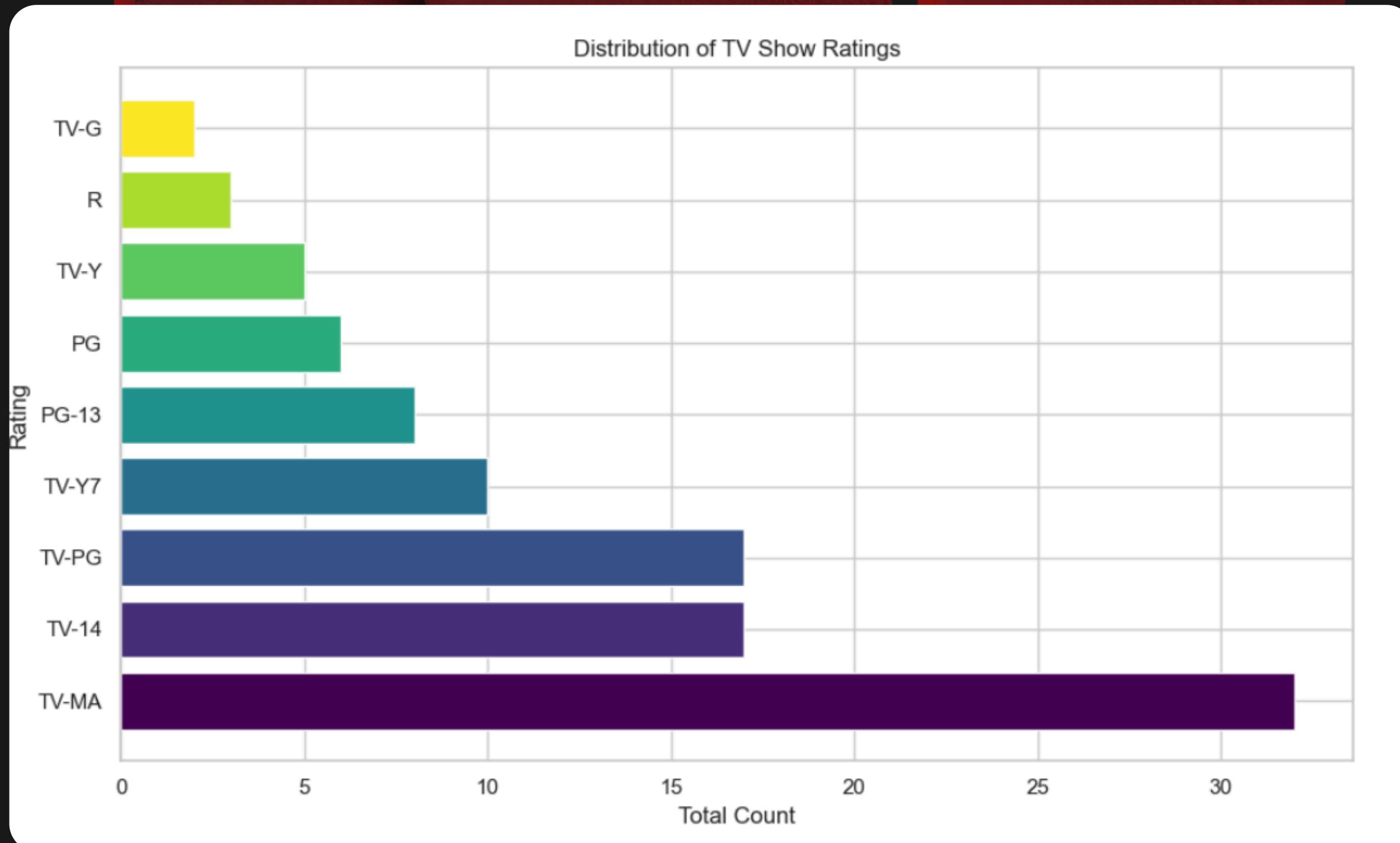
```
query = """
SELECT
    netflix_titles.type,
    COUNT(CASE WHEN netflix_titles.release_year <= 2022 THEN 1 END) AS count_before_2015
FROM
    netflix_titles
WHERE
    netflix_titles.type = 'TV Show'
GROUP BY
    netflix_titles.type;
"""

cursor.execute(query)

rows = cursor.fetchall()
```

### 3 - WHICH RATINGS ARE THE MOST COMMON ACROSS THE DATABASE ENTRIES?

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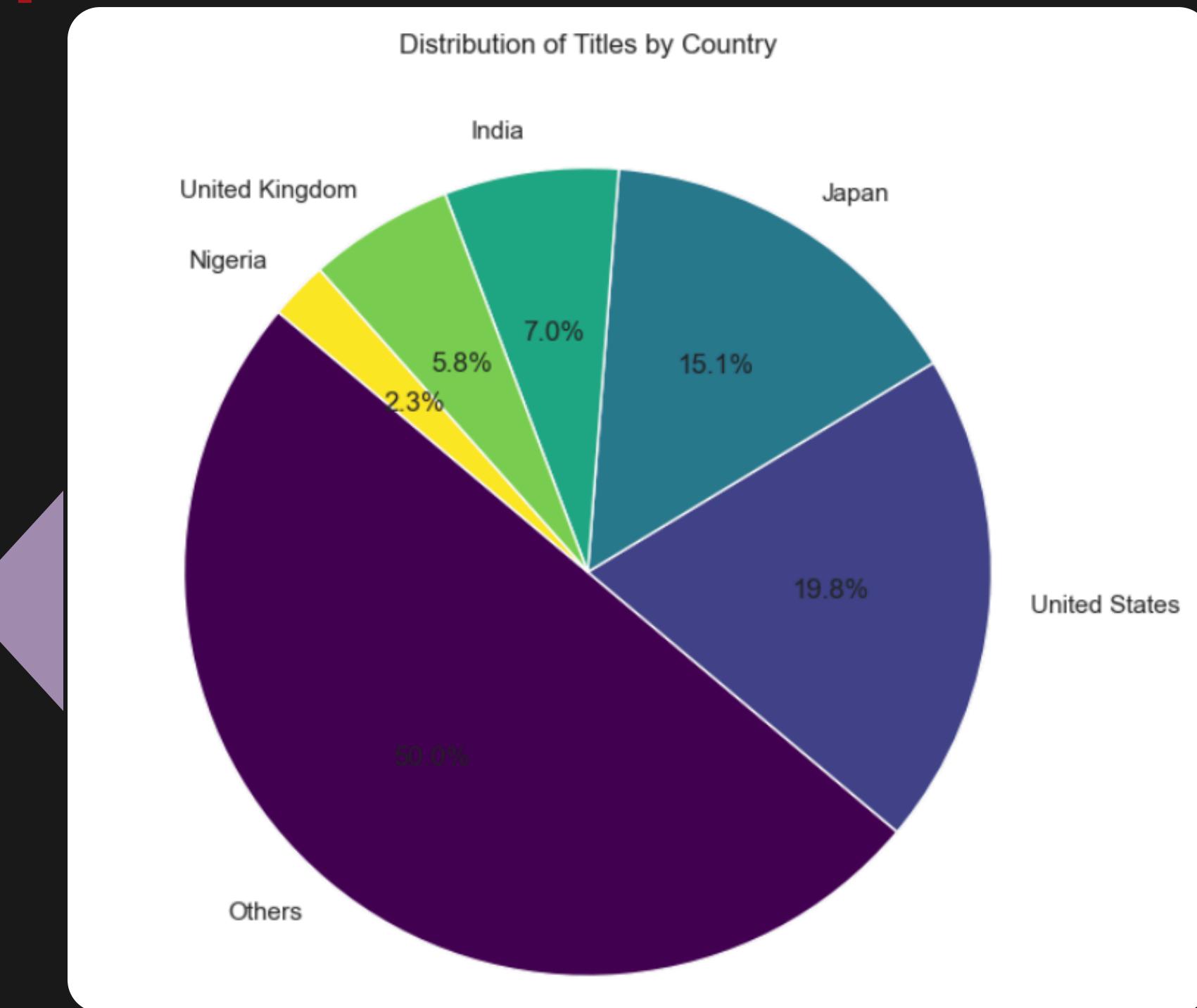


TV-MA

# 4 - WHICH COUNTRY HAS PRODUCED THE MOST CONTENT IN THE DATABASE?

NETFLIX DATA ANALYTICS

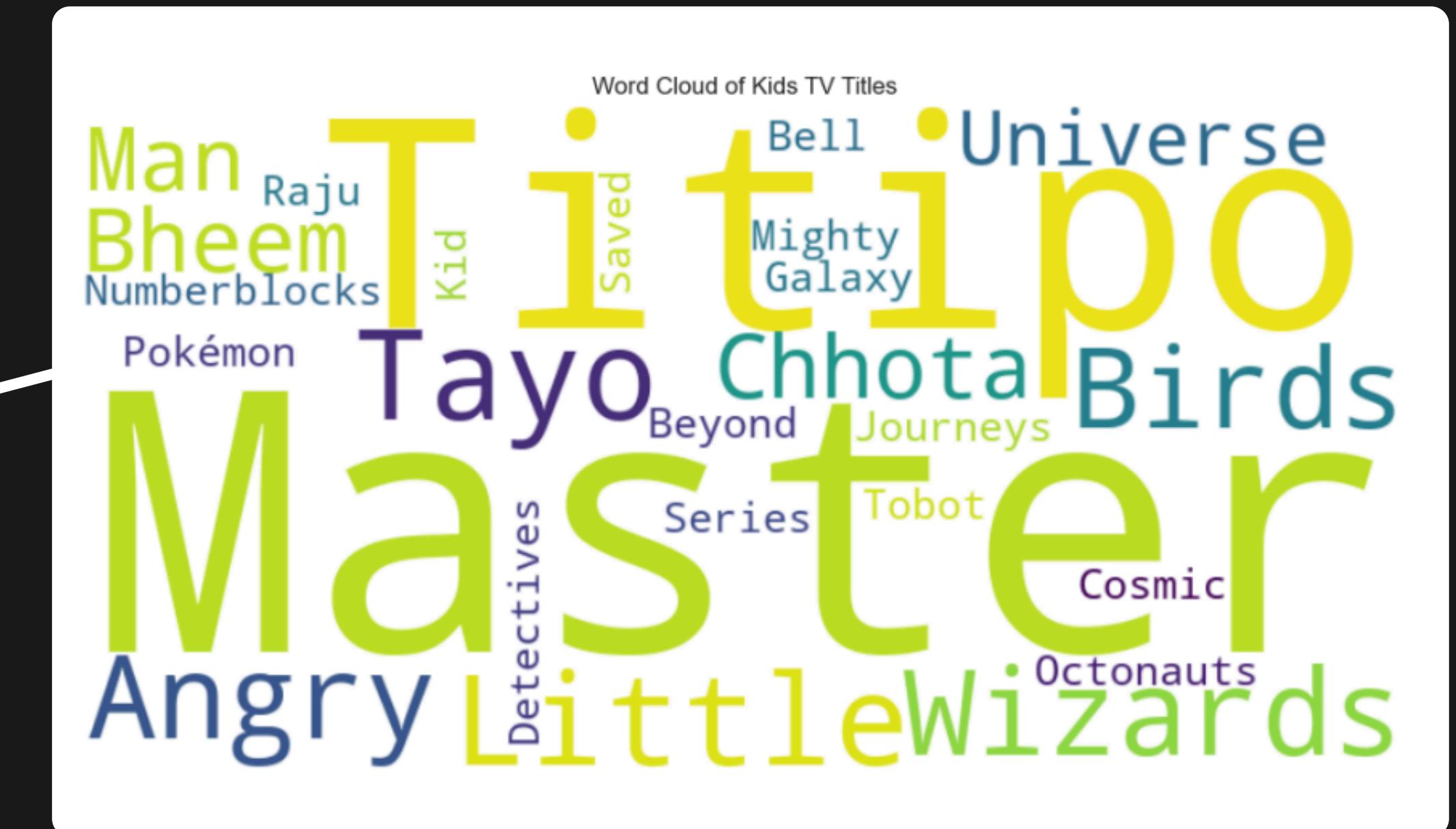
SO IN THIS PIE-CHART  
UNITED STATES  
IS THE ONE WITH MOST  
SHOWS AND THE  
OTHERS  
ARE THE COMBINE OF  
DIFFERENT  
COUNTR'IES



## 5 - KIDS MOVIES

SHOWS = [ "TAYO AND LITTLE WIZARDS", "ANGRY BIRDS", "CHHOTA BHEEM", "HE-MAN AND THE MASTERS OF THE UNIVERSE", "NUMBERBLOCKS", "SAVED BY THE BELL", "POKÉMON MASTER JOURNEYS: THE SERIES", "TITIPO TITIPO", "MIGHTY RAJU", "KID COSMIC", "OCTONAUTS: ABOVE & BEYOND", "TOBOT GALAXY DETECTIVES" ]

NETFLIX DATA ANALYTICS



# CONCLUSION !!

## NETFLIX DATA ANALYTICS

THE NETFLIX DATA ANALYSIS REVEALS INSIGHTS INTO VIEWING TRENDS, CONTENT POPULARITY, AND USER PREFERENCES. THIS DATA-DRIVEN APPROACH HELPS OPTIMIZE RECOMMENDATIONS, ENHANCE USER EXPERIENCE, AND INFORM STRATEGIC CONTENT DECISIONS.

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