

Day 12

DIY 2

Q1. Problem Statement: Data Visualization using Matplotlib

Load the “*Netflix_titles.csv*” data into a DataFrame and plot the following insights using the **Matplotlib** library:

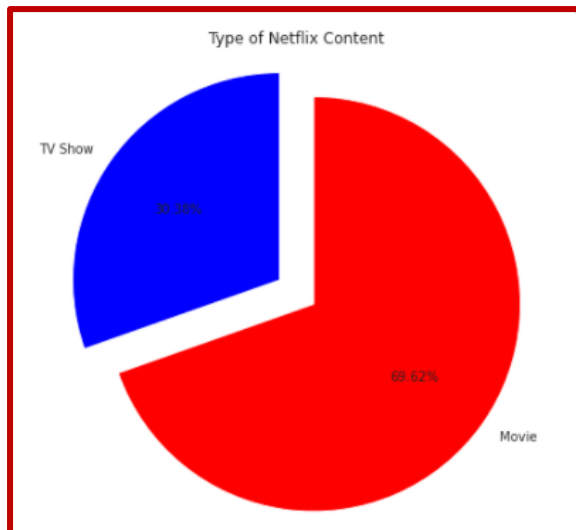
1. How much of the Netflix content are TV shows or Movies?
2. In which country is Netflix the most popular?

Dataset:

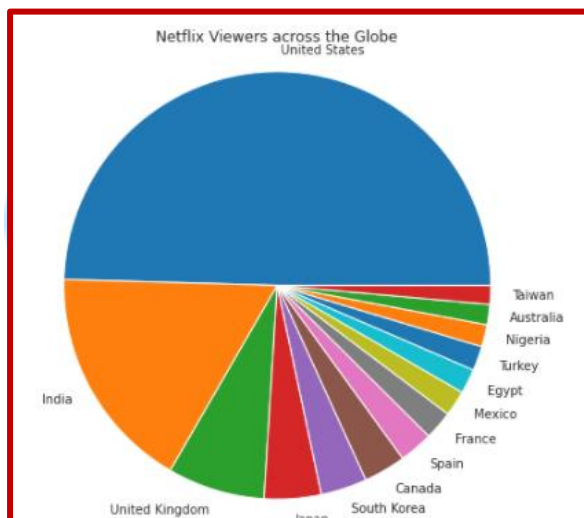
	show_id	type	title	director	cast	country	date_added	release_year	rating	duration	listed_in
0	s1	Movie	Dick Johnson Is Dead	Kirsten Johnson	NaN	United States	September 25, 2021	2020	PG-13	90 min	Documentaries
1	s2	TV Show	Blood & Water	NaN	Ama Qamata, Khosi Ngema, Gail Mabalane, Thaban...	South Africa	September 24, 2021	2021	TV-MA	2 Seasons	International TV Shows, TV Dramas, TV Mysteries
2	s3	TV Show	Ganglands	Julien Leclercq	Sami Bouajila, Tracy Gotoas, Samuel Jouy, Nabi...	NaN	September 24, 2021	2021	TV-MA	1 Season	Crime TV Shows, International TV Shows, TV Act...
3	s4	TV Show	Jailbirds New Orleans	NaN	NaN	NaN	September 24, 2021	2021	TV-MA	1 Season	Docuseries, Reality TV
4	s5	TV Show	Kota Factory	NaN	Mayur More, Jitendra Kumar, Ranjan Raj, Alam K...	India	September 24, 2021	2021	TV-MA	2 Seasons	International TV Shows, Romantic TV Shows, TV ...

Sample Output:

1. How much of the Netflix content are TV shows or Movies?



2. In which country is Netflix the most popular



Q2. Problem Statement: Data Visualization using Seaborn

Load the *"starbucks_drinkMenu_expanded.csv"* data into a DataFrame and find out which *"Beverage_category"* has the highest calories; plot the insights using a bar plot with the help of the Seaborn library.

Dataset:

	Beverage_category	Beverage	Beverage_prep	Calories	Total Fat (g)	Trans Fat (g)	Saturated Fat (g)	Sodium (mg)	Total Carbohydrates (g)	Cholesterol (mg)	Dietary Fibre (g)	Sugars (g)	Protein (g)	Vitamin A (% DV)	Vitamin C (% DV)	Calcium (% DV)	Iron (% DV)	Cal
0	Coffee	Brewed Coffee	Short	3	0.1	0.0	0.0	0	5	0	0	0	0.3	0%	0%	0%	0%	
1	Coffee	Brewed Coffee	Tall	4	0.1	0.0	0.0	0	10	0	0	0	0.5	0%	0%	0%	0%	
2	Coffee	Brewed Coffee	Grande	5	0.1	0.0	0.0	0	10	0	0	0	1.0	0%	0%	0%	0%	
3	Coffee	Brewed Coffee	Venti	5	0.1	0.0	0.0	0	10	0	0	0	1.0	0%	0%	2%	0%	
4	Classic Espresso Drinks	Caffè Latte	Short Nonfat Milk	70	0.1	0.1	0.0	5	75	10	0	9	6.0	10%	0%	20%	0%	
...
237	Frappuccino® Blended Crème	Strawberries & Crème (Without Whipped Cream)	Soymilk	320	3.2	0.4	0.0	0	250	67	1	64	5.0	6%	8%	20%	10%	
238	Frappuccino® Blended Crème	Vanilla Bean (Without Whipped Cream)	Tall Nonfat Milk	170	0.1	0.1	0.0	0	160	39	0	38	4.0	6%	0%	10%	0%	

Sample Output:

