



COURSE 3 - PYTHON PROGRAMMING FOR DATA ANALYSIS

Data Visualisation Practices

1. Distribution of Content Type (Movie vs. TV Show): Use a pie chart to visualize the proportion of movies to TV shows.
 2. Content Release Over Time: Use a line plot to show the trend of content releases over the years.
 3. Content Rating Distribution: Use a bar chart to display the frequency of each content rating.
 4. Country-wise Content Production: Use a bar chart to visualize the number of titles produced by each country.
 5. Duration Distribution for Movies: Use a histogram to explore the distribution of movie durations.
 6. TV Show Seasons Analysis: Use a count plot to show the distribution of seasons across TV shows.
 7. Top Directors on Netflix: Use a bar chart to display directors with the most titles.
 8. Content Addition Trends: Use a line plot to visualize how the addition of titles has changed over time.
 9. Genre Popularity: Use a bar chart to display the number of titles in each genre.
 10. Director-Country Association: Use a heatmap to represent the number of titles by each director in different countries.
 11. Release Year vs. Addition Year Analysis: Use a scatter plot to show the relationship between release year and the year added to Netflix.
 12. Content Type by Rating: Use a box plot to explore the distribution of ratings by content type.
 13. Multi-Country Productions: Use a bar chart to show the number of co-productions between multiple countries.
 14. Historical Content Availability: Use a line plot to show the amount of historical content added over time.
 15. Genre Trends Over Time: Use a stacked area plot to visualize the prevalence of different genres over time.
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16. Rating Distribution Over Time: Use a violin plot to see how content ratings have varied over different years.
17. Comparison of Film Duration by Genre: Use a box plot to compare the durations of films across different genres.
18. Correlation between Release Year and Duration: Use a scatter plot to examine if there's a correlation between release year and movie duration.
19. Popular Content by Viewer Rating: Use a bar chart to show popular content in various countries based on viewer ratings.
20. Analysis of Documentaries: Use a bar plot to show the count of documentaries by release year and country.