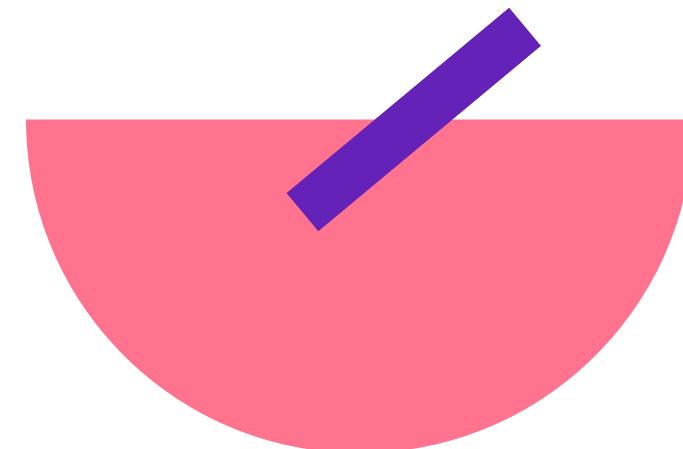


Data Science Intern's

"WE SPEAK DATA"

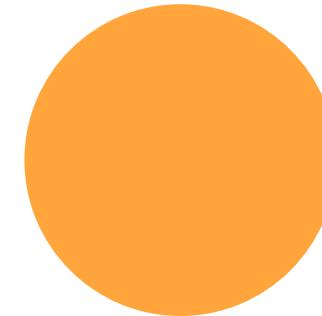


Task 1: YouTube Streamer Analysis

Dataset : Top 1000 Youtubers statistics

Description: This dataset contains valuable information about the top YouTube streamers, including their ranking, categories, subscribers, country, visits, likes, comments, and more.

Your task is to perform a comprehensive analysis of the dataset to extract insights about the top YouTube content creators.



GUIDELINES FOR TASK 1



1. Data Exploration:

- Start by exploring the dataset to understand its structure and identify key variables.
- Check for missing data and outliers.

2. Trend Analysis:

- Identify trends among the top YouTube streamers. Which categories are the most popular?
- Is there a correlation between the number of subscribers and the number of likes or comments?

3. Audience Study:

- Analyze the distribution of streamers' audiences by country. Are there regional preferences for specific content categories?

4. Performance Metrics:

- Calculate and visualize the average number of subscribers, visits, likes, and comments.
- Are there patterns or anomalies in these metrics?

5. Content Categories:

- Explore the distribution of content categories. Which categories have the highest number of streamers?
- Are there specific categories with exceptional performance metrics?

6. Brands and Collaborations:

- Analyze whether streamers with high performance metrics receive more brand collaborations and marketing campaigns.

7. Benchmarking:

- Identify streamers with above-average performance in terms of subscribers, visits, likes, and comments.
- Who are the top-performing content creators?

8. Content Recommendations:

- Propose a system for enhancing content recommendations to YouTube users based on streamers' categories and performance metrics.

Task 2: Power BI Dashboard Creation -

Terrorism Database

Dataset: Terrorism Database

Description:

The Terrorism Database contains information about terrorist attacks worldwide. It includes details such as the date, location, attack type, weapons used, number of casualties, and responsible groups. Your task is to create a Power BI dashboard that provides a comprehensive overview of global terrorism trends and patterns.



GUIDELINES FOR TASK 2



1. Data Preparation:

- Import the Terrorism Database into Power BI.
- Clean the data to handle missing values and outliers.
- Ensure that the data types are correctly assigned.

2. Data Visualization:

- Create visualizations that display the number of terrorist attacks over time.
- Visualize attack locations on a map.
- Analyze trends in attack types and weapons used.
- Compare casualties by region or year.

3. Interactive Dashboard:

- Build an interactive dashboard with slicers, filters, and drill-through options.
- Allow users to explore the data dynamically.
- Highlight insights and trends in your visualizations.

4. Narrative and Insights:

- Provide a brief narrative that explains the key findings from your analysis.**
- Offer insights into global terrorism trends.**
- Include a summary of the most affected regions and the impact of terrorism over time.**

5. User-Friendly Design:

- Ensure that your dashboard is user-friendly and intuitive.**
- Use appropriate color schemes and layouts for clarity.**

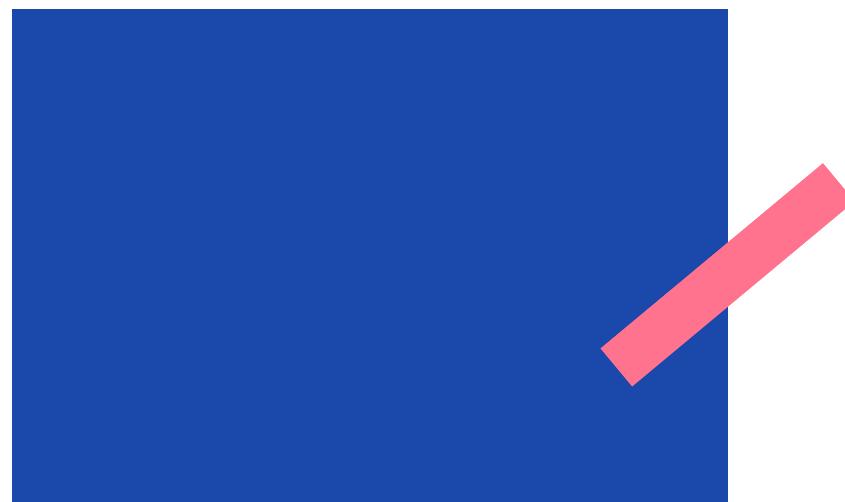
Best of luck with your analysis!

This task will provide you with hands-on experience in data analysis and visualization using Power BI. Feel free to ask for guidance or clarification during the internship if needed.



Task Submission Link:

[submission link : CLICK HERE](#)
TO SUBMIT





INTERNSHIP INSTRUCTIONS:

1. LINKEDIN PROFILE ENHANCEMENT (MANDATORY): PLEASE ENSURE THAT YOU WORK ON IMPROVING YOUR LINKEDIN PROFILE.

2. TASK POST ON LINKEDIN TAGGING@ INTERNCAREERS

THESE GUIDELINES WILL HELP YOU HAVE A SUCCESSFUL AND FULFILLING INTERNSHIP EXPERIENCE WITH INTERN CAREER. BEST OF LUCK IN YOUR TASKS AND ENJOY YOUR INTERNSHIP JOURNEY! 



Thank you!

