Alcohol Consumption Dashboard

Slide 1: Title Slide

- **Title**: Alcohol Consumption Dashboard

- **Subtitle**: A Global Analysis of Alcohol Consumption Patterns

- **Introduction**:

   o This dashboard provides key insights into alcohol consumption globally, segmented by regions, countries, genders, and years.

   o Designed for public health research, policy-making, and trend analysis.

Slide 2: Overview

- **Key Purpose**:

   o To visualize alcohol consumption data in a clear and actionable way.

   o To identify high-consumption regions and trends over time.

- **Data Scope**:

   o Data includes regional, gender, and yearly consumption from WHO and global sources.

Slide 3: Key Metrics

1. **Total Alcohol Consumption**:

   o **35.09K Liters** of total estimated consumption.

2. **Gender-Specific Insights**:

   o Dashboard filters allow analysis by **both sexes**, **female**, or **male**.

3. **WHO Regions & Country Breakdown**:

   o Consumption patterns segmented by geographic and demographic factors.

Slide 4: Visualizations

1. **Donut Chart: Alcohol Consumption by WHO Region**

   o **Europe** leads consumption with **26.86%** (1.01K liters).

   o Other regions: South-East Asia (24.56%), Americas (18.69%), and Africa (10.68%).

   o Shows global disparities in alcohol consumption.

2. **Bar Chart: Top Alcohol-Consuming Countries**

   o **Lithuania** is the highest consumer, followed by **Russia**, **Uganda**, and **Romania**.

   o Highlights regions for targeted interventions or further study.

Slide 5: Geographic Map

- **Global View**:

   o Interactive map highlights consumption across WHO regions and countries.

   o Useful for visualizing alcohol consumption distribution geographically.

Slide 6: Yearly Trends

- **Line Chart: Trends from 2000 to 2020**

   o Consumption peaked between **2005 and 2010**.

   o A noticeable decline after 2010, indicating changing consumption habits.

   o Can inform trend analyses or correlate with global events (e.g., economic changes or health policies).

Slide 7: Insights and Recommendations

1. **Insights**:

   o Europe dominates alcohol consumption; specific countries like Lithuania lead.

   o Consumption has been decreasing over time since 2010, suggesting shifting behaviors.

2. **Recommendations**:

   o **Policy Focus**: Target high-consumption countries for awareness campaigns.

   o **Future Research**: Investigate factors behind declining trends after 2010.

Slide 8: Application

1. **For Governments and NGOs**:

   o Develop public health initiatives tailored to high-consumption regions.

2. **For Data Scientists**:

   o Use the dataset to build predictive models or analyze causal relationships.

3. **For Businesses**:

   o Use insights for market research in the alcohol industry.

Slide 9: Closing

- **Summary**:
    - The dashboard provides a comprehensive view of global alcohol consumption trends.
    - By combining geographic, gender, and time data, it serves as a tool for actionable insights.

- **Next Steps**:
    - Explore deeper insights, collaborate on solutions, and adapt policies to promote responsible alcohol consumption globally.