User Orientation

Policymakers and Researchers

Data Science

120 Years of Olympic History: Athletes and Results

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User Orientation for Policymakers and Researchers

Introduction & Purpose

The dashboard provides a centralized platform for accessing and analyzing data related to the Olympic Games, offering valuable insights gender distribution, age-specific performance, and regional dominance in the Olympics.

Structure & Organization

The dashboard includes:

1. **Season-wise Top 3 Region:** Analyzes the top five regions based on medal count, separated by summer and winter Olympics.
2. **Highest Medals by Countries:** Displays a bar chart showcasing the countries with the highest total medals.
3. **Medals Distributed by Gender**: Illustrating the gender distribution of medals awarded.
4. **Count of Medal by Age:** Showing the age distribution of athletes who won Gold, Silver and Bronze medals.
5. **Top 25 Event with Gold Medals:** Tree Map showing the top 25 events based on the number of gold medals awarded.

Dashboard Features & Components

1. **Interactive Charts and Maps:** Visual representations for quick comparisons and in-depth analysis.
2. **Filter Options:** Customize views based on specific category like particular sports or regions.
3. **Data Export:** Ability for researchers to download data for further analysis.

Step-by-Step Navigation

Opening the Dashboard: Open your web browser and go to the Power BI service and open the dashboard file (.pbix)

Exploring Main Sections: The dashboard is divided into six main sections.

- Bar charts: Season wised top 5 region
- Pie charts: Medals distributed by gender
- Stacked Bar chart: Count of medal by age
- Table: highest medals by countries
- Tree map: top 25 events with gold medals

Utilizing Filters: In the "Season-wise Top 5 Region" section, you can choose to see the data for summer or winter Olympics and for specific regions.

Interactivity & User Functionalities

- **Drilling Down:** Users can click on individual bars or segments in the charts to access more detailed information related to that specific category.
- **Hover Actions:** Hovering over data points in the charts displays tooltips with relevant information such as exact values or percentages.
- **Export/Download Options:** Users can download data from the dashboard in various formats, such as CSV or PDF, by utilizing the export button.

FAQs & Troubleshooting

Q: How can I access the raw data?

A: The dashboard provides options to download data in various formats, allowing users to access the raw data for further analysis.

Q: Is the data up-to-date?

A: No, it's showing the data from 1896 to 2016 maybe in the future we will regularly update with the latest available data to ensure its accuracy and relevance.

Q. Can I export in to PDF format?

A: Yes, go to the top-left corner and then click on export into PDF format.