**Olympic Dashboard Project**

**Overview:** The Olympic Dashboard project is designed to analyze and visualize key metrics and insights related to the Olympics, providing an interactive experience for users. This dashboard uses a combination of **Power BI** features, including data analysis expressions (DAX), custom visuals, and interactive elements.

**Features:**

1. **Medals Categories:**
   * Classification of medals into categories (Gold, Silver, Bronze).
   * Comparison of medal counts by countries, athletes, and sports.
2. **Data Integration:**
   * Uploaded and cleaned data files containing historical Olympic data.
   * Integration of images and visuals after extensive research to enhance user engagement.
3. **Dynamic Visualizations:**
   * Use of bar charts, pie charts, and custom visuals to display medal tallies and trends.
   * Implementation of slicers to filter by year, sport, or country.
4. **DAX Calculations:**
   * Created calculated columns and measures to display metrics like total medals, average medals per athlete, and percentage contributions by country.
5. **Search and Interactivity:**
   * Search bar functionality for finding specific athletes or countries.
   * Interactive dashboard elements to drill down into specific data points.

**Outcome:** The dashboard provides an intuitive way to explore Olympic data, enabling stakeholders to understand historical trends, country performances, and key statistics with ease. It serves as a comprehensive tool for researchers, sports analysts, and enthusiasts.

**Technologies Used:**

* **Power BI**: For data visualization and dashboard creation.
* **DAX**: For advanced calculations and metrics.
* **Image Integration**: Sourced and embedded images to create an engaging user interface.

**Future Enhancements:**

* Add predictive analytics to forecast medal counts in future Olympics.
* Include athlete profiles with performance history.
* Enable real-time updates for ongoing Olympic events.