DATA ANALYSIS PROJECT ON-

ICC Women's Cricket World Cup Data Analysis 🏏📊

This is my **first data analysis project**, where I explore and analyse data from the **Women's Cricket World Cup** using Python.
The goal of this project is to understand match trends, team performances, and key insights through data visualisation.

📌 Project Objective

- Perform exploratory data analysis (EDA) on Women's Cricket World Cup data
- Understand team dominance and performance trends
- Visualise important statistics using graphs and charts
- Build strong foundations in real-world data analysis

🧠 What I Learned

- How to clean and prepare raw datasets
- How to analyse sports data logically
- How to use visualisation to tell a story with data
- How to structure a complete data analysis project

🛠️ Tools & Technologies Used

- **Python**
- **NumPy**
- **Pandas**
- **Matplotlib**
- **Seaborn**
- **Google Colab Notebook**

🗂️ Dataset Information

- Dataset contains match-level data from the Women's Cricket World Cup
- Includes details such as:
  - Teams
  - Matches played
  - Runs scored
  - Match outcomes
  - Tournament stages

(Dataset used only for educational and learning purposes)

📊 Analysis Performed

- Team-wise performance comparison
- Match outcome distribution
- Runs and performance trends
- Visual analysis using bar charts, line plots, and count plots

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📈 Key Insights

- Identified consistently strong teams across tournaments
- Observed performance patterns in knockout vs league matches
- Visualised how women's cricket has evolved over World Cups