

OLYMPIX: OLYMPIC DATA VISUALISATION TOOL

Course: CS661 – Big Data Visual Analytics
Instructor: Prof. Soumya Dutta

Group: 21



INTRODUCTION

What is Olympix?

- An interactive data visualization platform showcasing Olympic Games statistics.
- Designed for sports lovers to explore events, stats, and more.

Features:

- Data sourced from Kaggle Datasets.
- Technologies: React.js for the frontend, D3.js for dynamic data visualizations.

MEDAL DASHBOARD

Features:

- Map-Based Visualization.
- Continent Analysis
- Rankings based on gold, silver, bronze, and total medals.
- Medal Trends



AGE VS PERFORMANCE

Features:

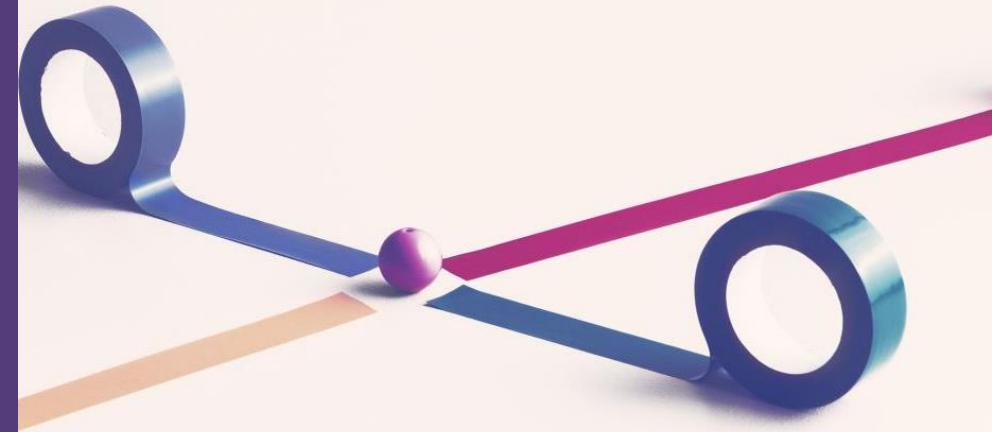
- Age distribution
- Peak Performance Age
- Age Trends Over Time
- Age by Sport



GENDER PARTICIPATION

Features:

- Line charts depicting male vs. female participation over the years.
- Highlights of milestones in gender equality.
- Breakdown by sport and country.



SPORTS ANALYSIS



Number of sports events over the years



Countries participation w.r.t number of sports



Comparison among countries



Country wise analysis

COUNTRY ANALYSIS

THANK YOU

Now we will move on to the demo -

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