



# Olympic 2024 Paris Analysis Presentation

Prepared by: Shardul Jagdale

# Executive Summary



## Global Participation

206 countries, 2,000+ teams,  
11,000+ athletes.



## Actionable Insights

Medal distribution,  
demographics, geographic  
trends.



## Critical Patterns

Performance, gender representation, global trends.



# Analysis Scope & Objectives



## Visualize Metrics

Comprehensive participation across nations.



## Analyze Medals

Distribution by country, event, athlete.



## Identify Trends

Gender representation and disparities.



## Map Geography

Participation and medal capacity.



## Historical Context

Event distribution and venues.

# Data Integration: Robust Structure

## Coaches

Staff, country, disciplinary affiliations.

## Teams

Composition, country, discipline.

## Events

Details, classification, venue.

## Athletes

Demographics, gender, medals.

## Medals

Records (Gold, Silver, Bronze).

## Medal Summary

Aggregated stats by country.

# Dashboard Architecture



## Home Page

Narrative, branding, navigation.



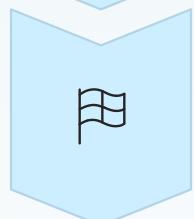
## Overview Page

High-level summary, medal composition.



## Athletes Page

Demographics, performance analysis.



## Country Page

Interactive country-level analysis.



## Historical Page

Event-specific, venue analytics.



# Key Visualization Types

## Bar Charts

- Total Medals by Type
- Athletes by Country
- Medal Distribution by Gender

## Interactive Maps

- Geographic Heat Map
- Region-based Filtering

## KPI Indicators & Cards

- Total Medal Counters (Gold, Silver, Bronze)
- Gender Distribution (Male, Female)
- Participation Metrics (Countries, Teams, Athletes)

## Comparative Charts

- Gender-Based Medal Distribution
- Medal Composition by Type

# DAX Measures & Calculations

## Aggregation

Total Medals, Gold, Silver, Bronze.

## Demographic

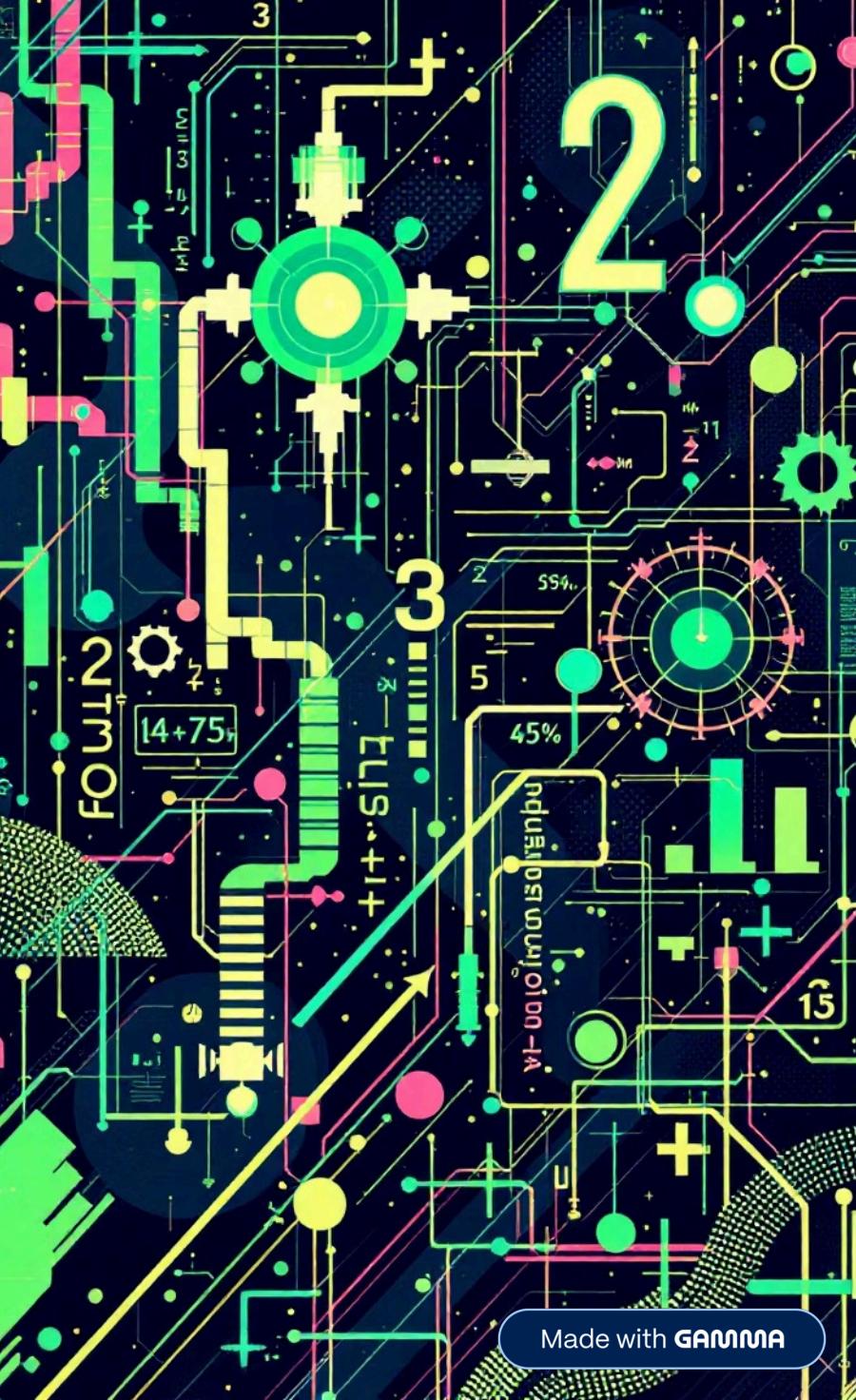
Total Athletes, Male, Female, by Country.

## Participation

Total Countries, Teams, Events.

## Performance

Medal Ratio, Avg. Medals per Country.





# Key Insights & Findings

## Medal Distribution

- 2,315 medals awarded.
- Gold: 752 (32.5%), Silver: 756 (32.6%), Bronze: 807 (34.9%).
- Nearly equal distribution, high competitive depth.

## Global Participation

- 206 countries, 11,000+ athletes, 2,000+ teams.
- Unprecedented global participation.

## Gender Representation

- Male: 6,000 (54.5%), Female: 5,000 (45.5%).
- Approaching parity, significant progress.

## Geographic Performance

- Top Nations: USA, France, Australia, Germany.
- Medal capacity correlates with resource investment.



# Business Applications



## Organizing Committees

Participation tracking, gender equity, venue optimization.



## Sports Analysts

Performance benchmarking, trend documentation, geographic insights.



## Athletes & Teams

Competitive context, gender representation, country comparison.

# Conclusion: Key Achievements

## 1 Integrated Data

Multi-source data into unified framework.

## 2 DAX Measures

20+ strategic measures for dimensional analysis.

## 3 Dashboard Pages

Five interconnected pages with distinct purposes.

## 4 Interactive Design

Navigation and cross-filtering capabilities.

## 5 Professional Visuals

Olympic branding and design applied.

## 6 Actionable Insights

Generated for diverse stakeholder groups.