Olympics Data Analysis

A comprehensive analysis of Olympic performance across different countries and athletes.

By Sankalp Pandey

Objectives of the Analysis

Analyze Historical Olympic Performance

Evaluate past games. Understand winning trends.

Identify Medal Distribution Trends

Pinpoint top countries. Track rising stars.

Provide Key Success Factor Insights

Reveal winning elements. Improve strategies.

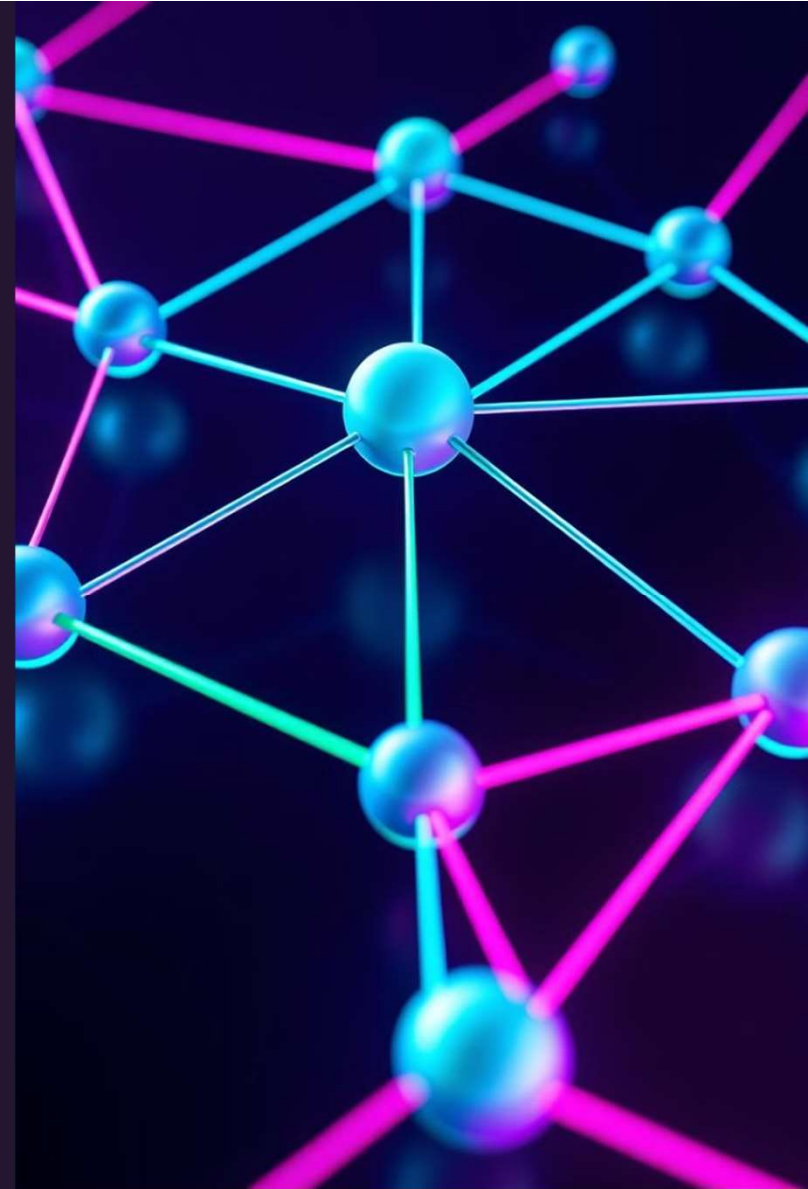# Key Analysis Highlights

1 **Data Cleaning & Preparation**

Ensuring data accuracy. Preparing for analysis.

2 **Medal Distribution Analysis**

Examining country strengths. Identifying trends.

3 **Performance Trend Insights**

Highlighting athlete evolution. Noticing game changes.

Data Preparation and Cleaning

1 **Removing Missing Values**

Ensuring data completeness.

2 **Eliminating Duplicates**

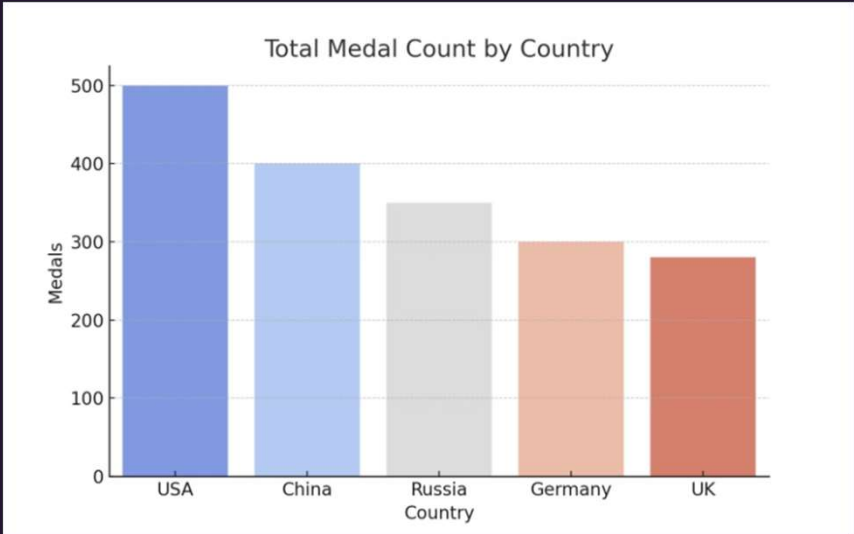Maintaining data integrity.

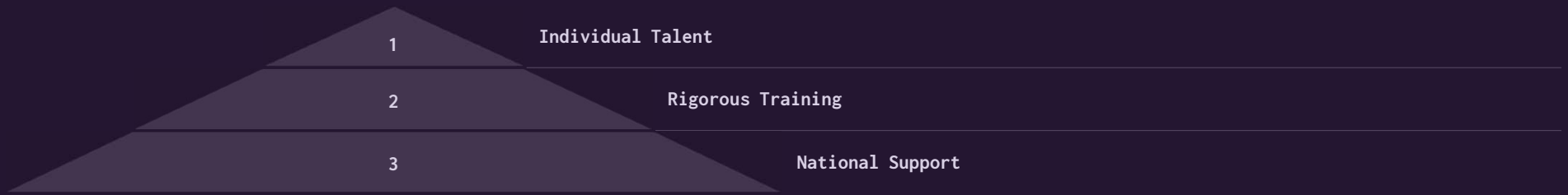**3** **Transforming Data**
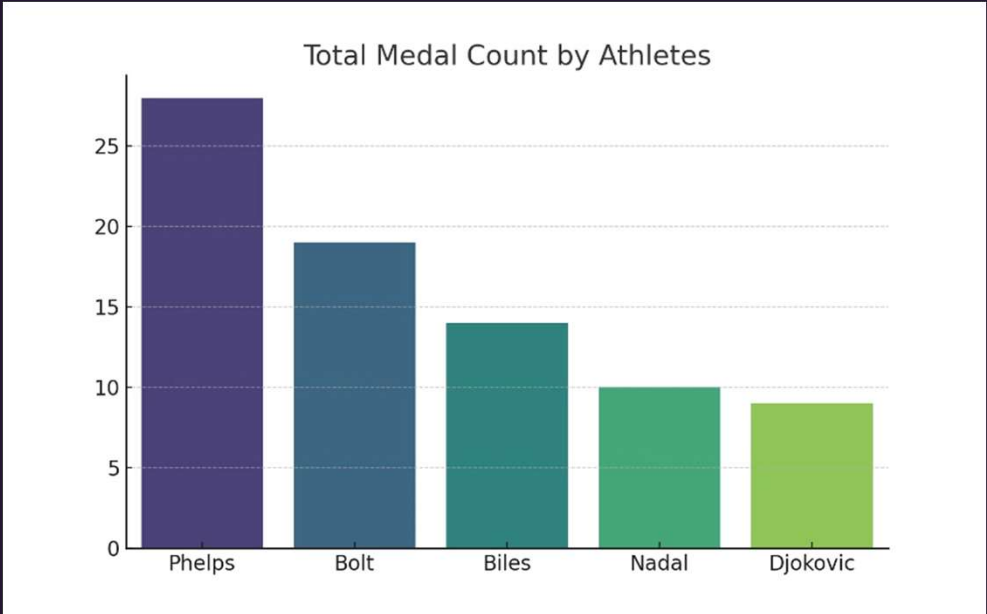
Improving visual representation.

Total Medal Count by Country
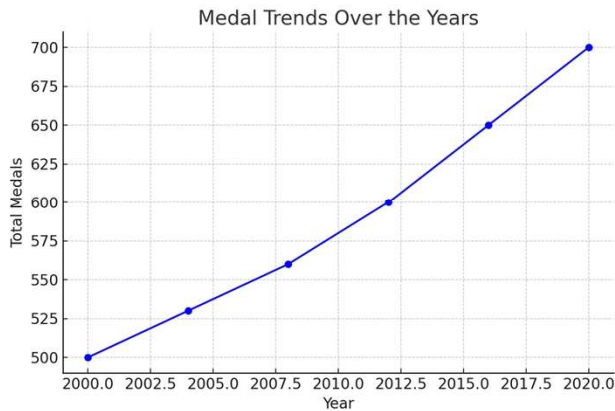
The USA, China, and Russia dominate Olympic medal counts.

Total Medal Count by Country

USA   1

China   2

Russia   3

Total Medal Count by Athletes

Top-performing athletes significantly contribute to their country's medal tally.

1	Individual Talent
2	Rigorous Training
3	National Support

Medal Trends Over the Years

Medal Trends Over the Years

Olympic participation and medals won have increased over time.
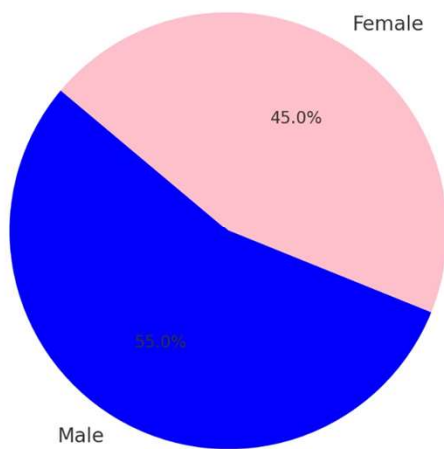
1   **Early Olympics**

Limited participation.

2   **Mid-20th Century**

Increased competition.

3   **Modern Era**

Global expansion.

Made with Gamma

Gender-wise Participation & Medals

- Female 45.0%
- Male 55.0%

Gender-wise Participation & Medals

Female participation has significantly increased in the Olympics.

Rising Female Stars

More women are competing.

Breaking Barriers

Gender equality in sports.

Key Analytical Conclusions

- The USA and China dominate Olympic medals.

- Athlete specialization is key to success.

- Increased global participation over the years.

- Data analysis reveals performance trends.

Strategic focus and broad participation are critical.

Thank You!

Thank you for your time! Any questions?

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