Sports Analysis

Games Analysis

The Games Analysis Dashboard provides a visual journey through the historical data of the Olympic Games. Utilizing interactive charts and timelines, it enables users to explore trends and patterns in the number of games over the years. Key insights include periods of growth, the popularity of Summer vs. Winter Olympics, and instances of joint hosting, offering valuable context for understanding the evolution of the Games.

Sports Analysis

This dashboard delves into the diverse world of Olympic sports. Through dynamic visuals, users can analyze the number of sports featured, distinguish between Summer and Winter sports, and categorize sports into broader categories. The evolution of sports distribution over time is highlighted, providing strategic insights for future sports selection.

Events Analysis

The Events Analysis Dashboard offers a granular perspective on Olympic events. Interactive graphs allow users to explore the number of events within each sport, analyze gender representation, and investigate the evolution of events over different editions. This detailed view aids in understanding the dynamics of event organization and its impact on the overall Olympic experience.

Persons Analysis

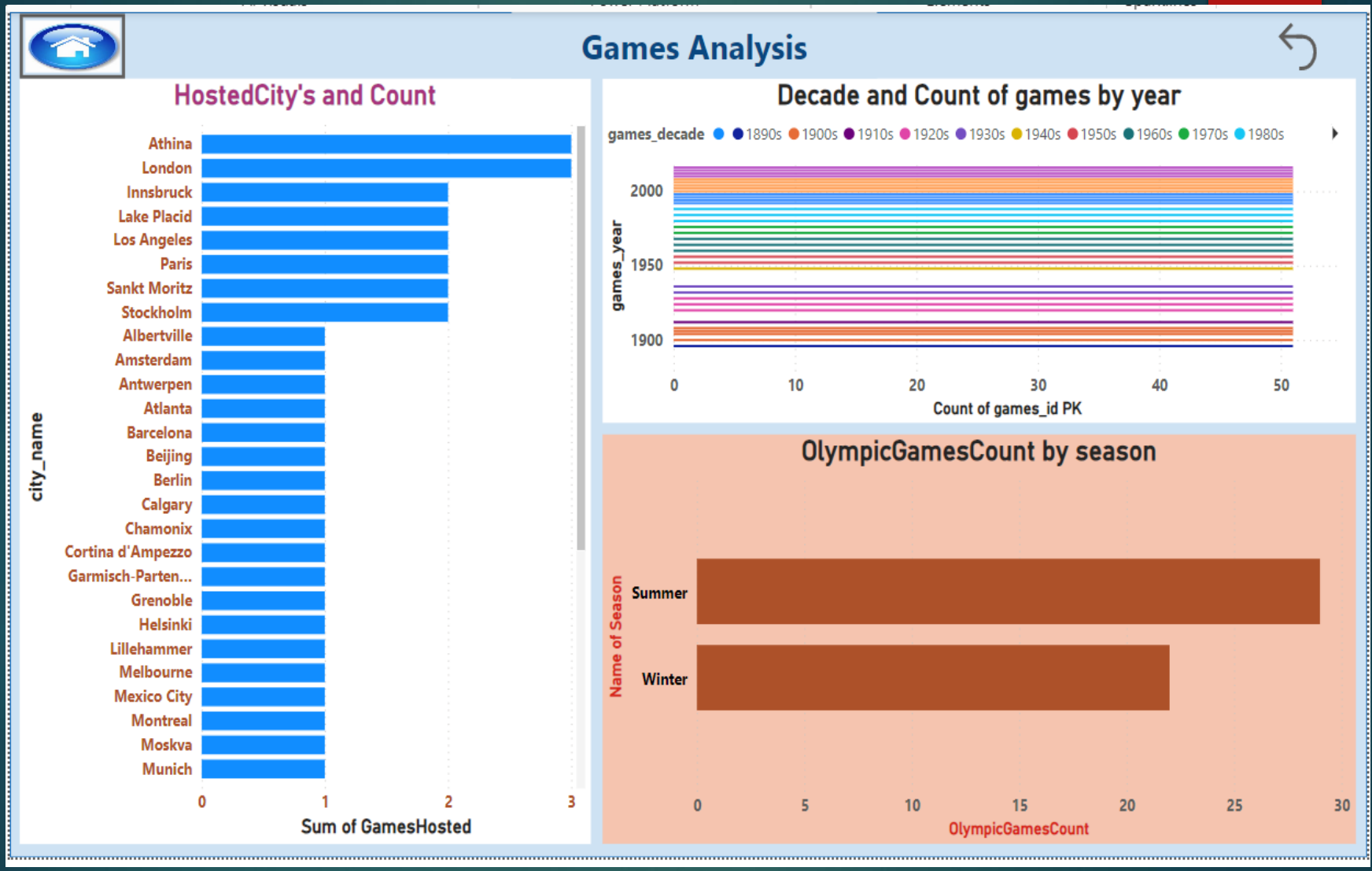
Discover the demographics and regional representation of Olympic participants with the Participants Analysis Dashboard. Visualizing athlete characteristics and country representation over time, this dashboard provides key insights into the diversity and evolution of Olympic participants. Users can also explore athlete event participation patterns, shedding light on specialization and versatility.

Medals Analysis

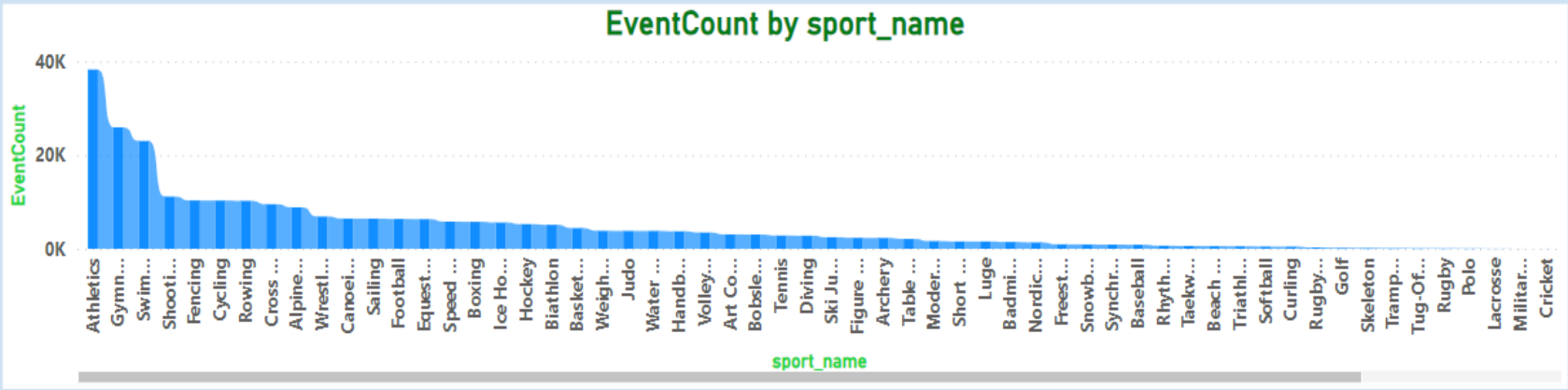
The Medals Analysis Dashboard is a comprehensive view of Olympic achievements. Users can explore the distribution of Gold, Silver, and Bronze medals across sports and countries. Additionally, the dashboard highlights successful athletes and countries, offering insights into long-term dominance or emerging talents. Categorizing medal types within each sport adds depth to the analysis.

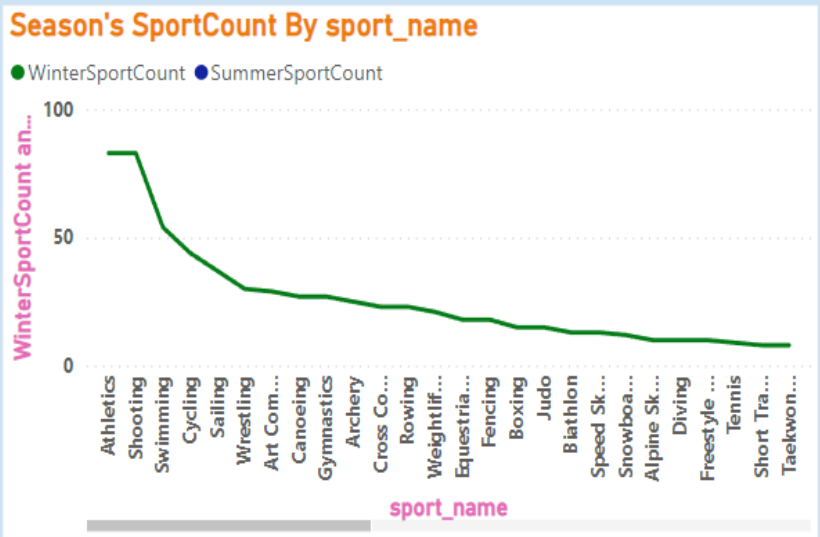
Region Analysis

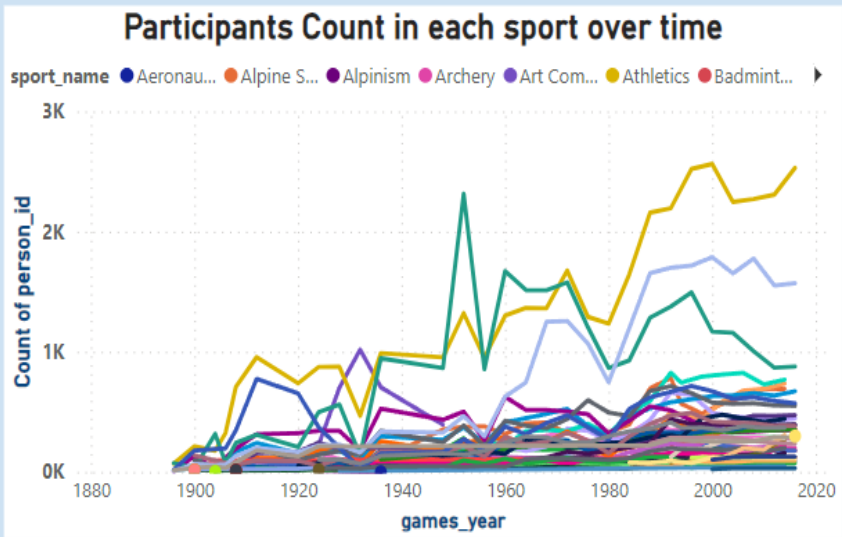
Assess the impact of hosting the Olympics on the host city and explore the representation of different National olympic Committees (NOCs) with the Region Analysis Dashboard. Geographical categorization of NOCs provides a global perspective, while insights into the host city's transformation offer valuable considerations for future event planning.


Games Analysis
HostedCity's and Count
city_name
Athina
London
Innsbruck
Lake Placid
Los Angeles
Paris
Sankt Moritz
Stockholm
Albertville
Amsterdam
Antwerpen
Atlanta
Barcelona
Beijing
Berlin
Calgary
Chamonix
Cortina d'Ampezzo
Garmisch-Parten...
Grenoble
Helsinki
Lillehammer
Melbourne
Mexico City
Montreal
Moskva
Munich
0
1
2
3
Sum of GamesHosted
Decade and Count of games by year
games_decade
1890s
1900s
1910s
1920s
1930s
1940s
1950s
1960s
1970s
1980s
games_year
2000
1950
1900
0
10
20
30
40
50
Count of games_id PK
OlympicGamesCount by season
Name of Season
Summer
Winter
0
5
10
15
20
25
30
OlympicGamesCount

Sport Analysis







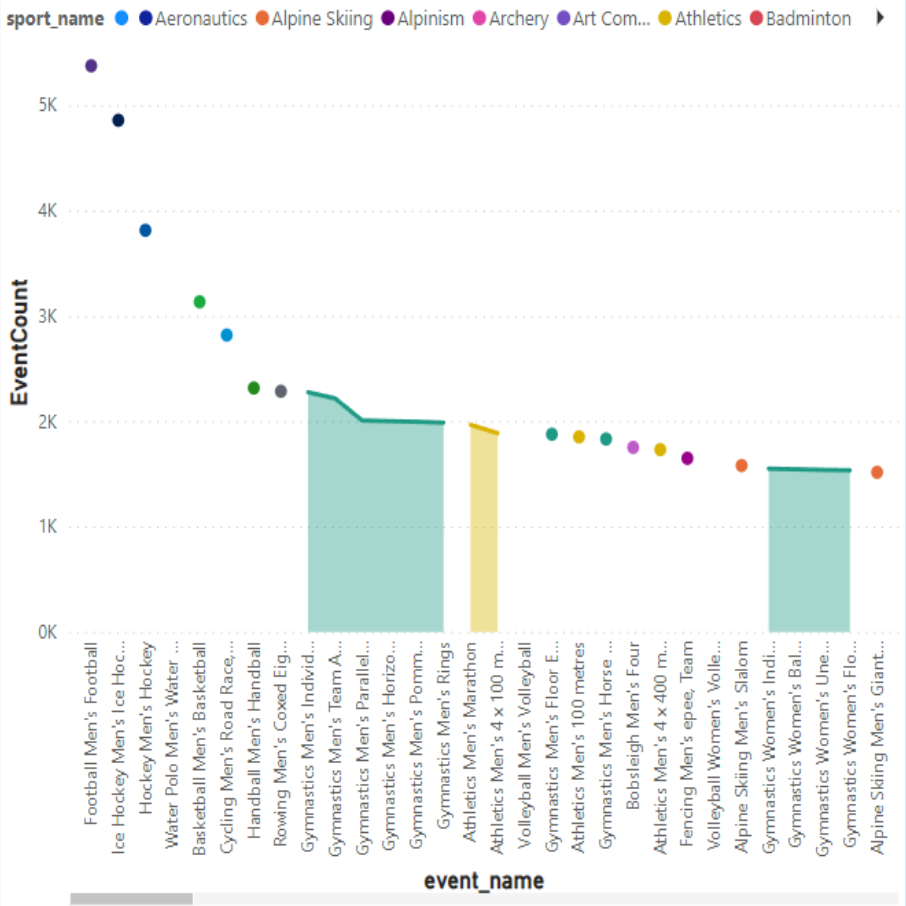
Events Analysis

GenderDistributionEvents

CountOfFemale	CountOfMales	event_name
1592		Volleyball Women's Volleyball
1550		Gymnastics Women's Individual All-Around
1545		Gymnastics Women's Balance Beam
1539		Gymnastics Women's Uneven Bars
1535		Gymnastics Women's Floor Exercise
1468		Hockey Women's Hockey
1453		Gymnastics Women's Team All-Around
1428		Handball Women's Handball
1351		Gymnastics Women's Horse Vault
1297		Basketball Women's Basketball
1217		Swimming Women's 4 x 100 metres Freestyle Relay
76248	**191903**	

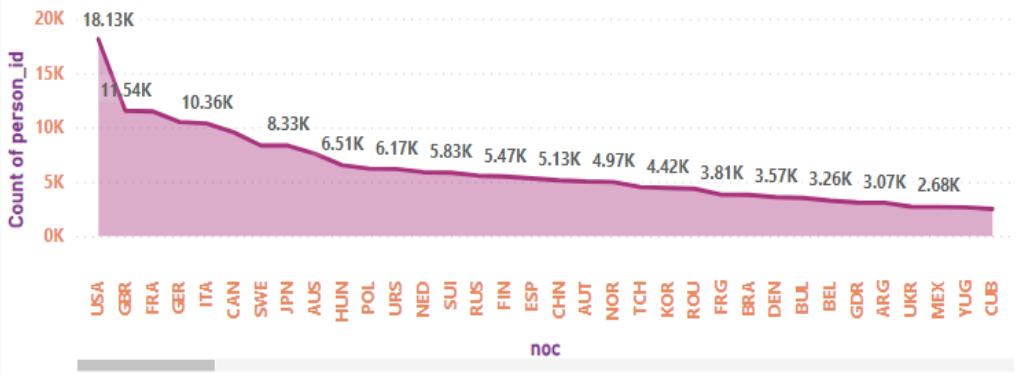
Number of Events based on Year

Number of Events in Each Sport

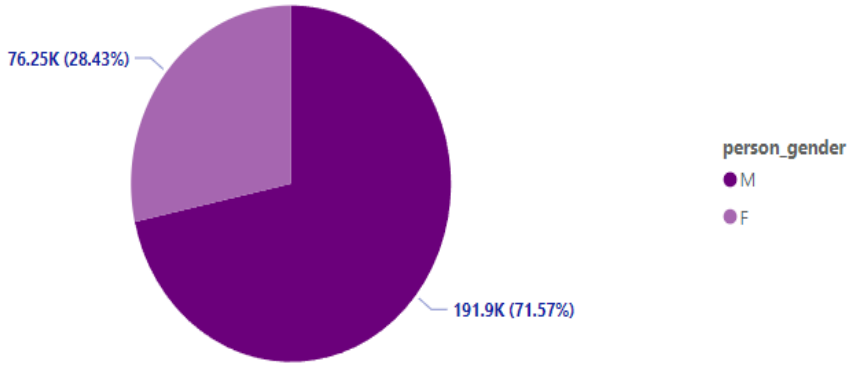


Person Analysis

Countries with Number of participants



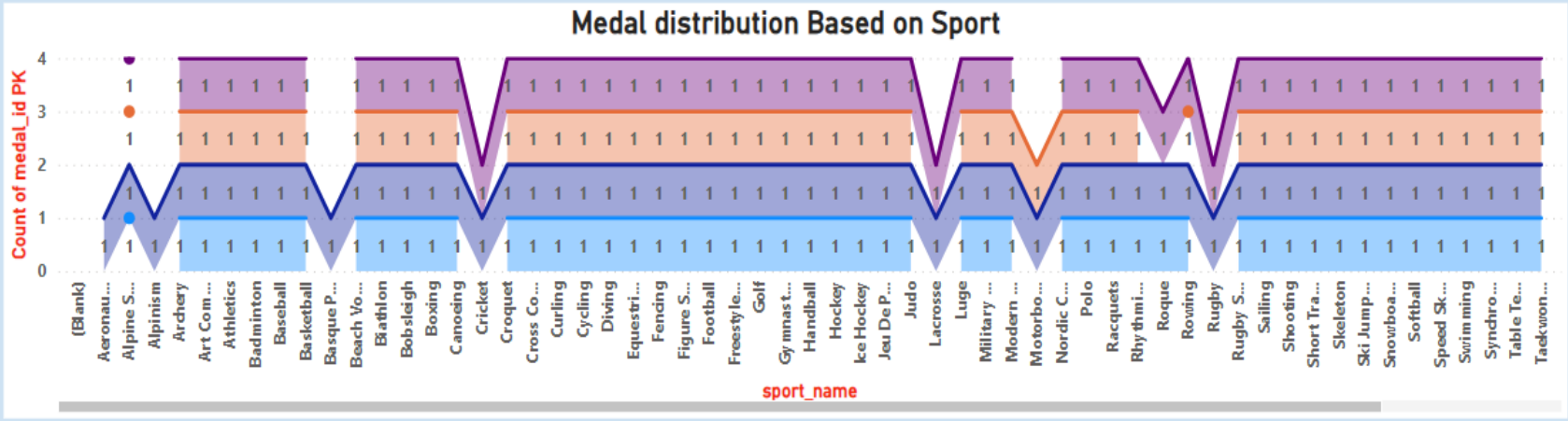
Number Of Participants By Gender

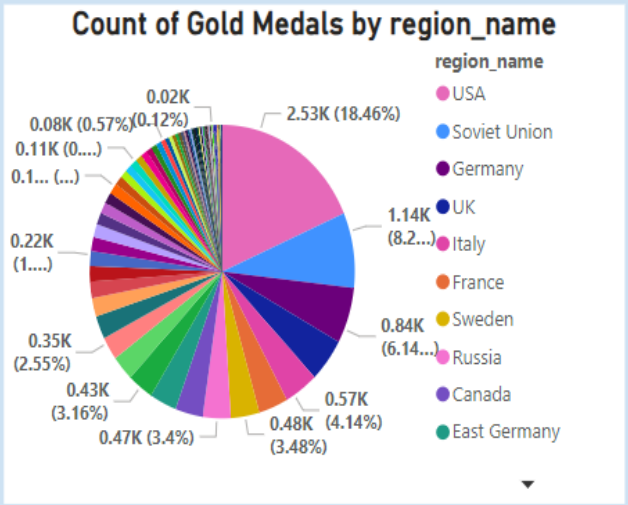


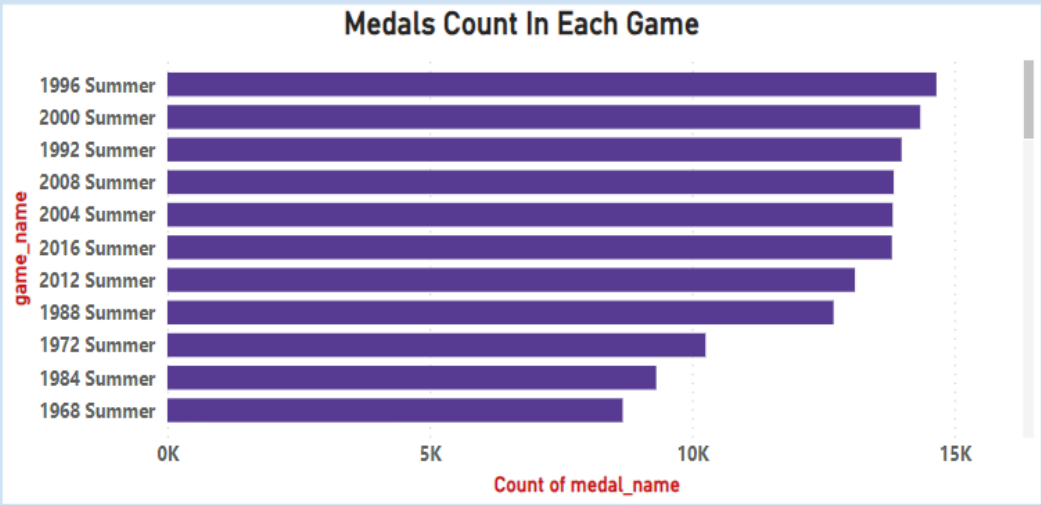
Age distribution of participants across different games

AgeGroup	game_name
10-19	1896 Summer
10-19	1900 Summer
10-19	1904 Summer
10-19	1906 Summer
10-19	1908 Summer
10-19	1912 Summer
10-19	1920 Summer
10-19	1924 Summer
10-19	1924 Winter
10-19	1928 Summer
10-19	1928 Winter
10-19	1932 Summer
10-19	1932 Winter
10-19	1936 Summer
10-19	1936 Winter
10-19	1948 Summer
10-19	1948 Winter
10-19	1952 Summer
10-19	1952 Winter
10-19	1956 Summer
10-19	1956 Winter
10-19	1960 Summer
10-19	1960 Winter
10-19	1964 Summer
10-19	1964 Winter
10-19	1968 Summer
10-19	1968 Winter

Medals Analysis

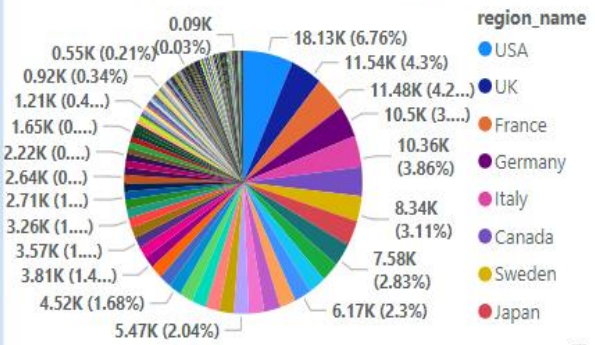




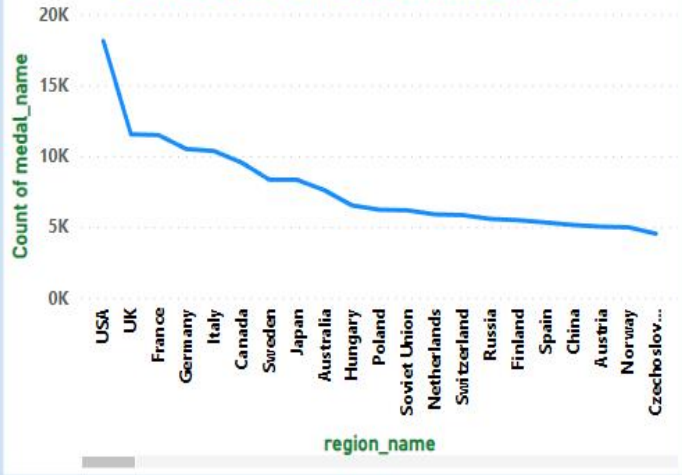
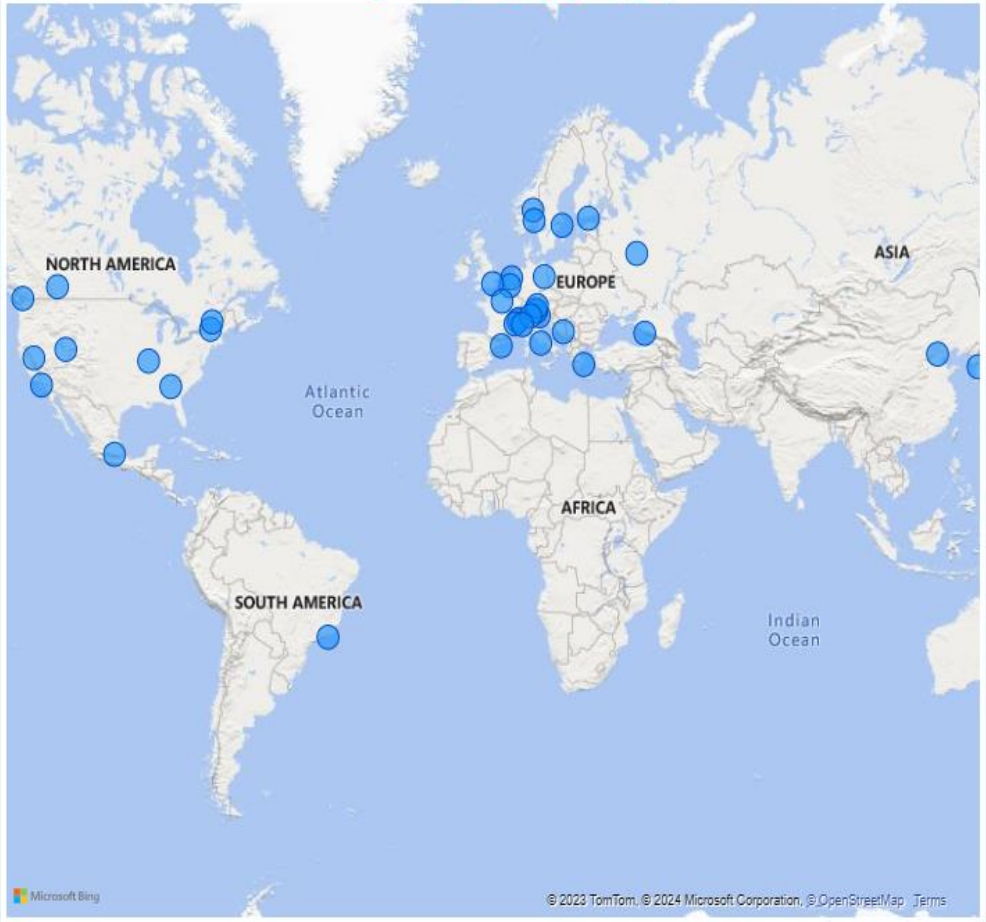


Region Analysis

Region with Number of participants



Distribution of Medals with Regions



NOCs_Participating by game_city