



# ANALYSIS REPORT

FOR THE OLYMPIC SPORTS

FEDERATION OFFICIALS

**ON 120 YEARS**

1 8 9 6 – 2 0 1 6

OF THE OLYMPIC GAMES

PREPARED BY



CHALLENGE TEAM

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Voice Over – AYA FARID



**Group**  
Data Analyst Specialist\_SHR1\_G1e

# Challenge Team

**Project Name**  
**A Comprehensive Olympic Sports Analysis**

**|From Athens 1896 to Rio 2016|**



Voice Over – Hazem Hussein



# Dashboard Design Process

- **Analysis Requirement ( Collect – Charts – Design Mockup – Colors ) For best outputs**
- **Data Gathering ( 4 Tables )**
- **Data Cleaning ( Check data types – Rename Fields & Tables – Remove Errors )**
- **Data Exploration & Understanding**
- **Data Analysis ( Overview – Insights – Trends ) & Recommendations**



Voice Over – Hazem Hussein





# INTRODUCTION

## Purpose of the Report

- Provide an overview of the key developments and trends in the Olympic Games over the past 120 years

## Scope

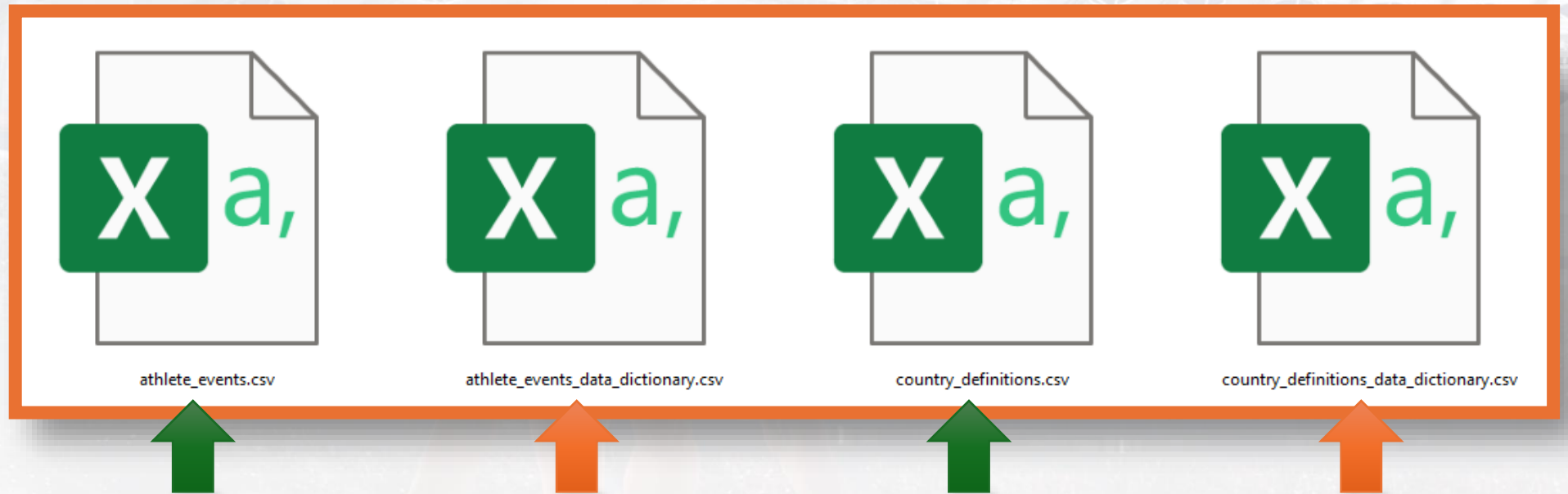
- This report covers historical performance, notable changes, and significant trends observed in the Olympic Games





# Data Gathering

- Historical Data
- Olympic From 1896 – Rio 2016



Voice Over – AYA FARID



# Data Cleaning & Exploration

- Athlete Events



ID	Name	Sex	Age	Age Category	Height	Weight	Team	NOC	Games	Year	Season	City	Sport	Event	Medal	Medal - Without NA	country_definitions.region
1222	ngel Aguilar Garca	Male	25	Young Adults (0-39)	0	0	Cuba	CUB	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Cuba
18774	Francisco Cascante Caba	Male	24	Young Adults (0-39)	0	0	Cuba	CUB	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Cuba
67735	Rafael Argelio Lecuona Asencio	Male	20	Young Adults (0-39)	0	0	Egypt	EGY	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Egypt
2795	Ahmed Issam Allam	Male	21	Young Adults (0-39)	0	0	Egypt	EGY	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Egypt
40001	Magdy Gheriani	Male	22	Young Adults (0-39)	0	0	Egypt	EGY	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Egypt
45226	Mohamed Sayed Mohamed Hamdi	Male	21	Young Adults (0-39)	0	0	Egypt	EGY	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Egypt
99453	Mahmoud Reda Mohamed Reda	Male	21	Young Adults (0-39)	0	0	Egypt	EGY	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Egypt
104248	Mahmoud Ali Bayoumi Sahwat	Male	21	Young Adults (0-39)	0	0	Egypt	EGY	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Egypt
5761	Nikolay Kalinkov Atanasov	Male	28	Young Adults (0-39)	0	0	Bulgaria	BUL	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Bulgaria
62566	Vasil Ivanov Konstantinov	Male	23	Young Adults (0-39)	0	0	Bulgaria	BUL	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Bulgaria
79807	Nikolay Klimentov Milev	Male	21	Young Adults (0-39)	0	0	Bulgaria	BUL	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Bulgaria
121097	Iliya Atanasov Topalov	Male	25	Young Adults (0-39)	0	0	Bulgaria	BUL	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Bulgaria
133087	Dimitar Teodorov Yordanov	Male	24	Young Adults (0-39)	0	0	Bulgaria	BUL	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Bulgaria
6679	Raymond Badin	Male	24	Young Adults (0-39)	0	0	France	FRA	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	France
19793	Ren Changeat	Male	21	Young Adults (0-39)	0	0	France	FRA	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	France
26800	Marcel de Wolf	Male	32	Young Adults (0-39)	0	0	France	FRA	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	France
29635	Raymond Camille Dot	Male	25	Young Adults (0-39)	0	0	France	FRA	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	France
35880	Georges Floquet	Male	30	Young Adults (0-39)	0	0	France	FRA	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	France
43730	Jean Francois Guillou	Male	21	Young Adults (0-39)	0	0	France	FRA	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	France
129376	Andr Weingand	Male	37	Young Adults (0-39)	0	0	France	FRA	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	France
7256	Eugen Balint	Male	25	Young Adults (0-39)	0	0	Romania	ROU	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Romania
7265	Zoltan Balogh	Male	21	Young Adults (0-39)	0	0	Romania	ROU	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Romania
9315	Carol Bed	Male	21	Young Adults (0-39)	0	0	Romania	ROU	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Romania
13826	Mihai Botez	Male	30	Young Adults (0-39)	0	0	Romania	ROU	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Romania
22171	Francisc Coci	Male	22	Young Adults (0-39)	0	0	Romania	ROU	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Romania
58798	Andrei Kereke	Male	27	Young Adults (0-39)	0	0	Romania	ROU	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Romania
71611	Aurel Loni	Male	24	Young Adults (0-39)	0	0	Romania	ROU	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Romania
13282	Csar D. Bonoris	Male	24	Young Adults (0-39)	0	0	Argentina	ARG	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Argentina
7388	Helmut Bantz	Male	30	Young Adults (0-39)	0	0	Germany	GER	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Germany
28351	Adalbert Dickhut	Male	29	Young Adults (0-39)	0	0	Germany	GER	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Germany
59587	Jakob Kiefer	Male	32	Young Adults (0-39)	0	0	Germany	GER	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Germany
90189	Friedrich "Friedel" Overwien	Male	29	Young Adults (0-39)	0	0	Germany	GER	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Germany
94330	Hans Pfann	Male	31	Young Adults (0-39)	0	0	Germany	GER	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Germany
130202	Erich Wied	Male	29	Young Adults (0-39)	0	0	Germany	GER	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Germany
130203	Theodor "Theo" Wied	Male	29	Young Adults (0-39)	0	0	Germany	GER	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Germany
9822	Vladimir Timofeyevich Belyakov	Male	34	Young Adults (0-39)	0	0	Soviet Union	URS	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Russia
10317	Iosif Konstantinovich Berdiyev	Male	27	Young Adults (0-39)	0	0	Soviet Union	URS	1952 Summer	1952	Summer	Helsinki	Gymnastics	Gymnastics Men's Floor Exercise	NA	0	Russia

- Trends

- ✓ Performance Trends
- ✓ Top Athletes
- ✓ Participation Trends

- ✓ Summer
- ✓ Winter
- ✓ Sports



Voice Over – AYA FARID





# Data Analysis & Insights

• 1896

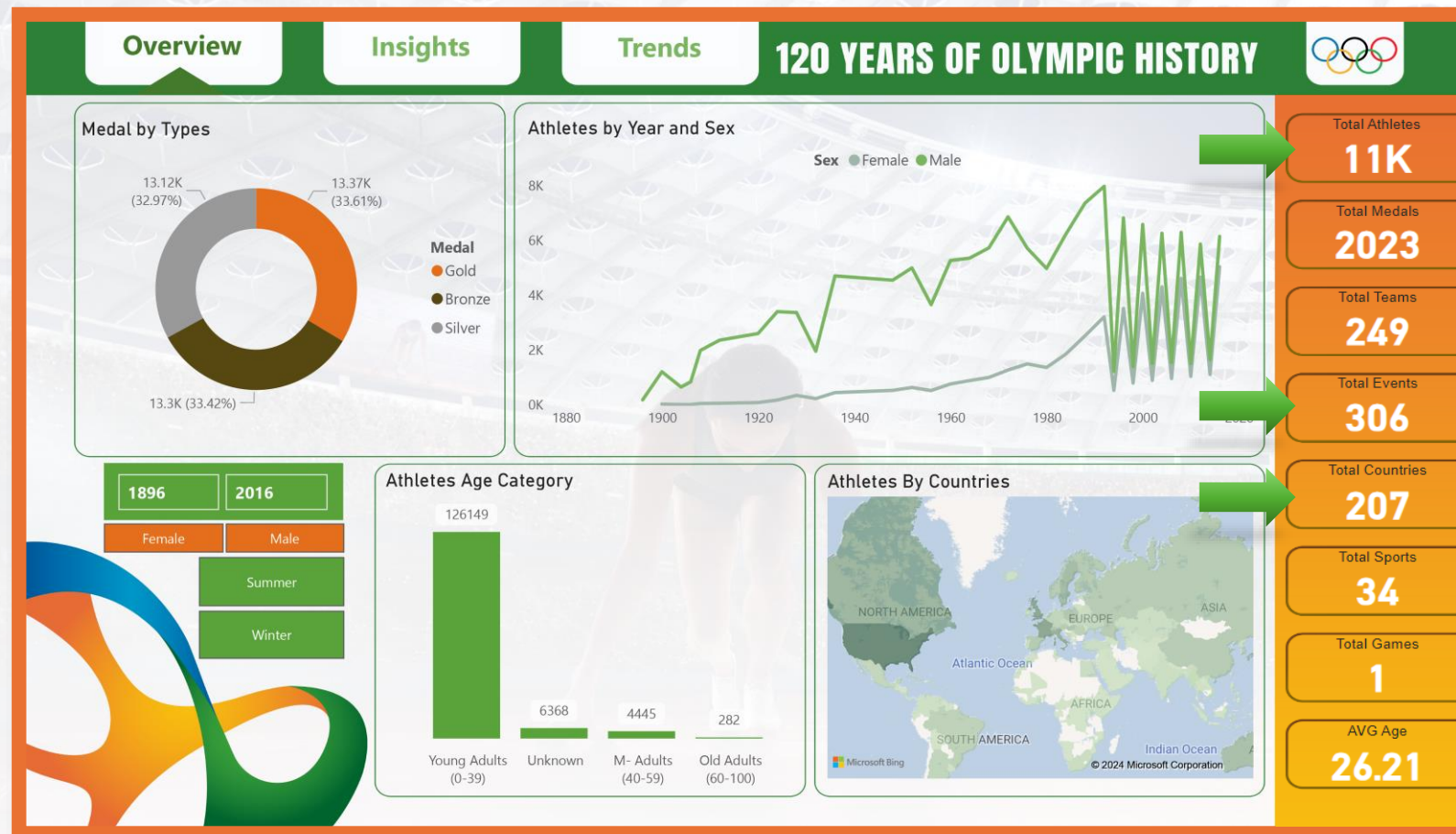
• Overview Page - Totals

• 2016



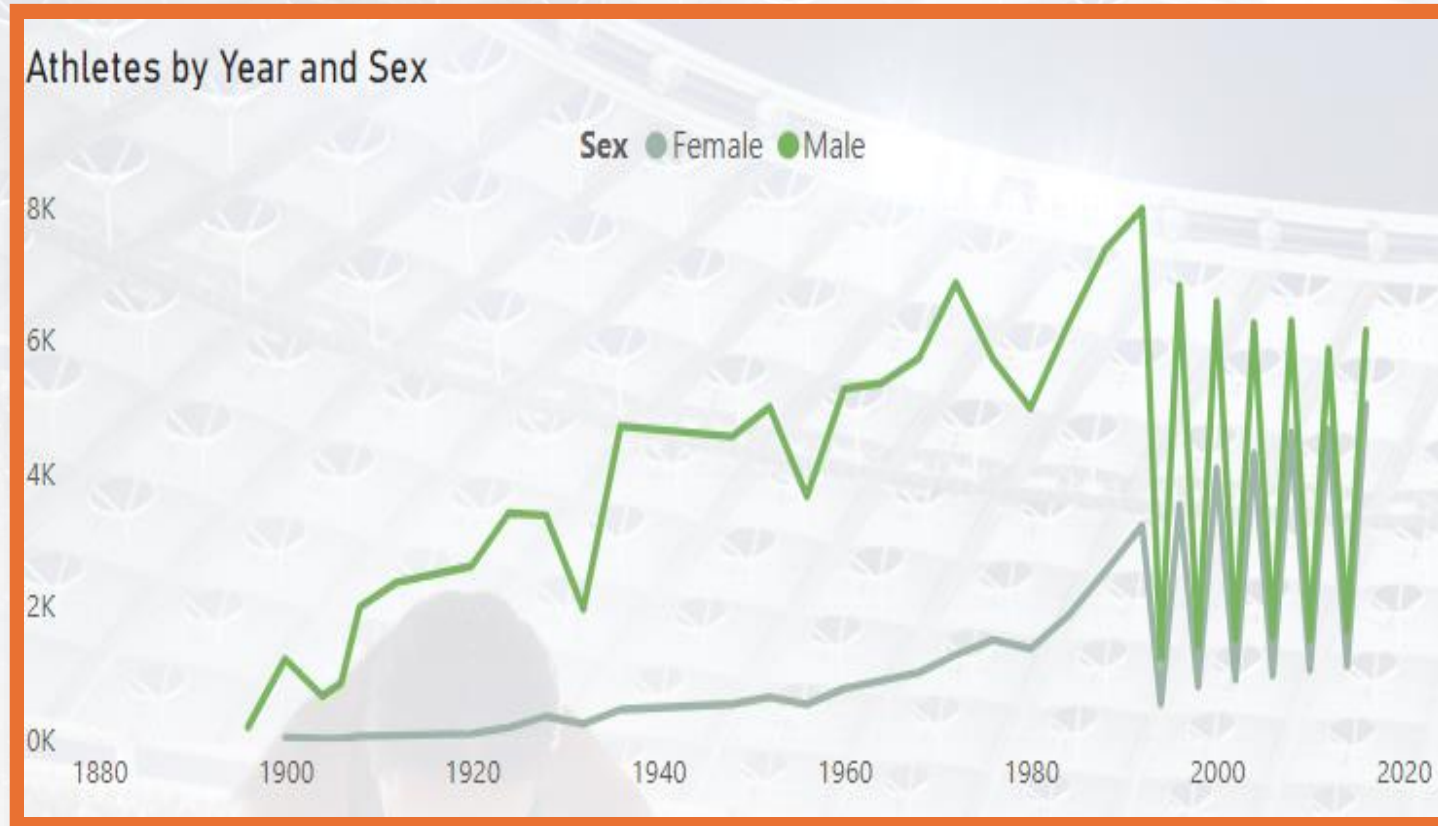
Male

Total Athletes	176
Total Medals	143
Total Teams	18
Total Events	43
Total Countries	12
Total Sports	9
Total Games	1
AVG Age	23.58





# Data Analysis & Insights



1896

2016

Female

Male

Summer

Winter

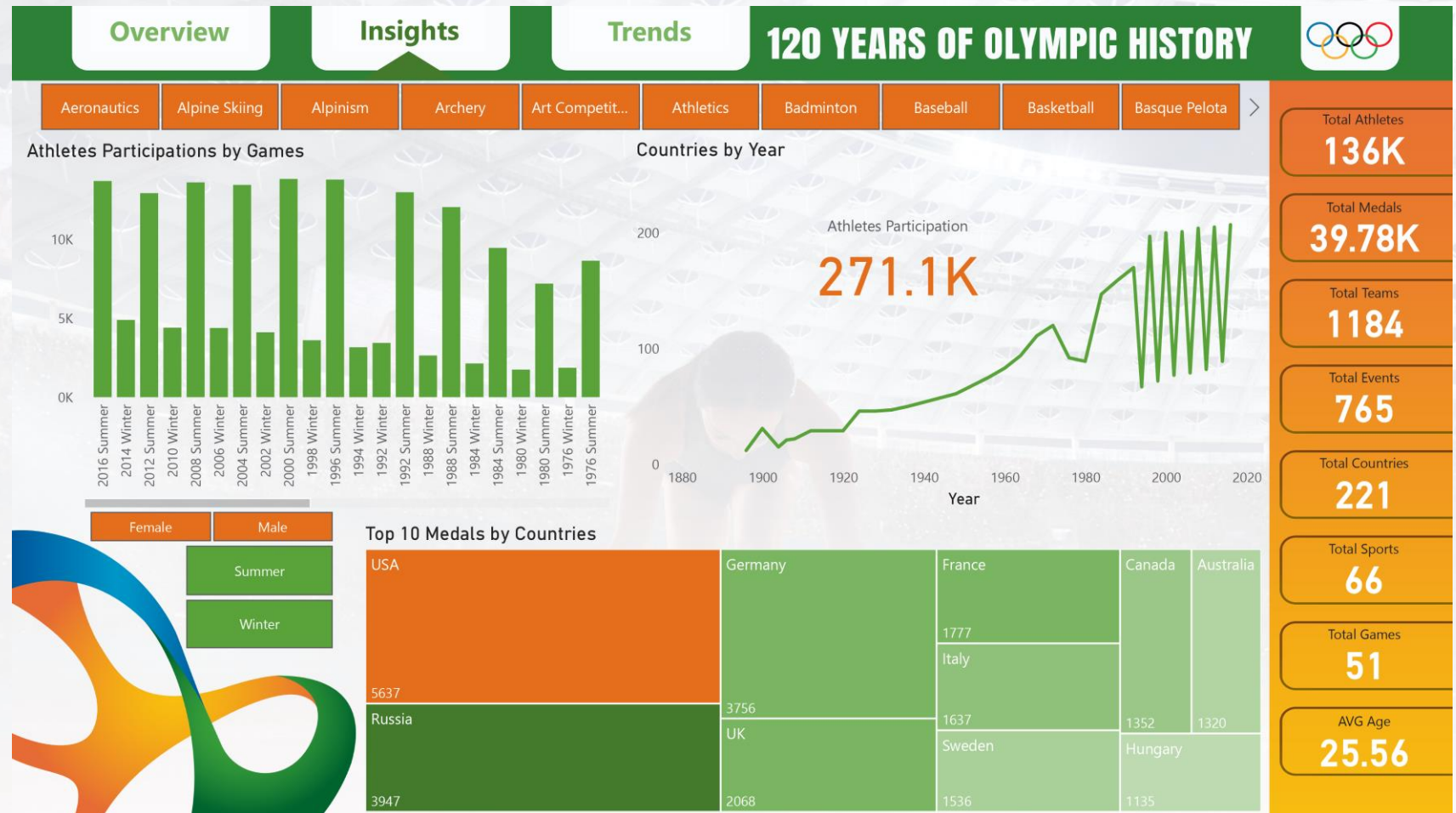
- A- Olympics Start in 1896
- B- Female Participation in 1900 Paris Olympics
- C- Olympics as a beacon of Friendship
- D- Olympics Summer & Winter Events





# Insights

- **Sports**
- **Athletes by Game**
- **Counties by Year**
- **Medals By Countries**

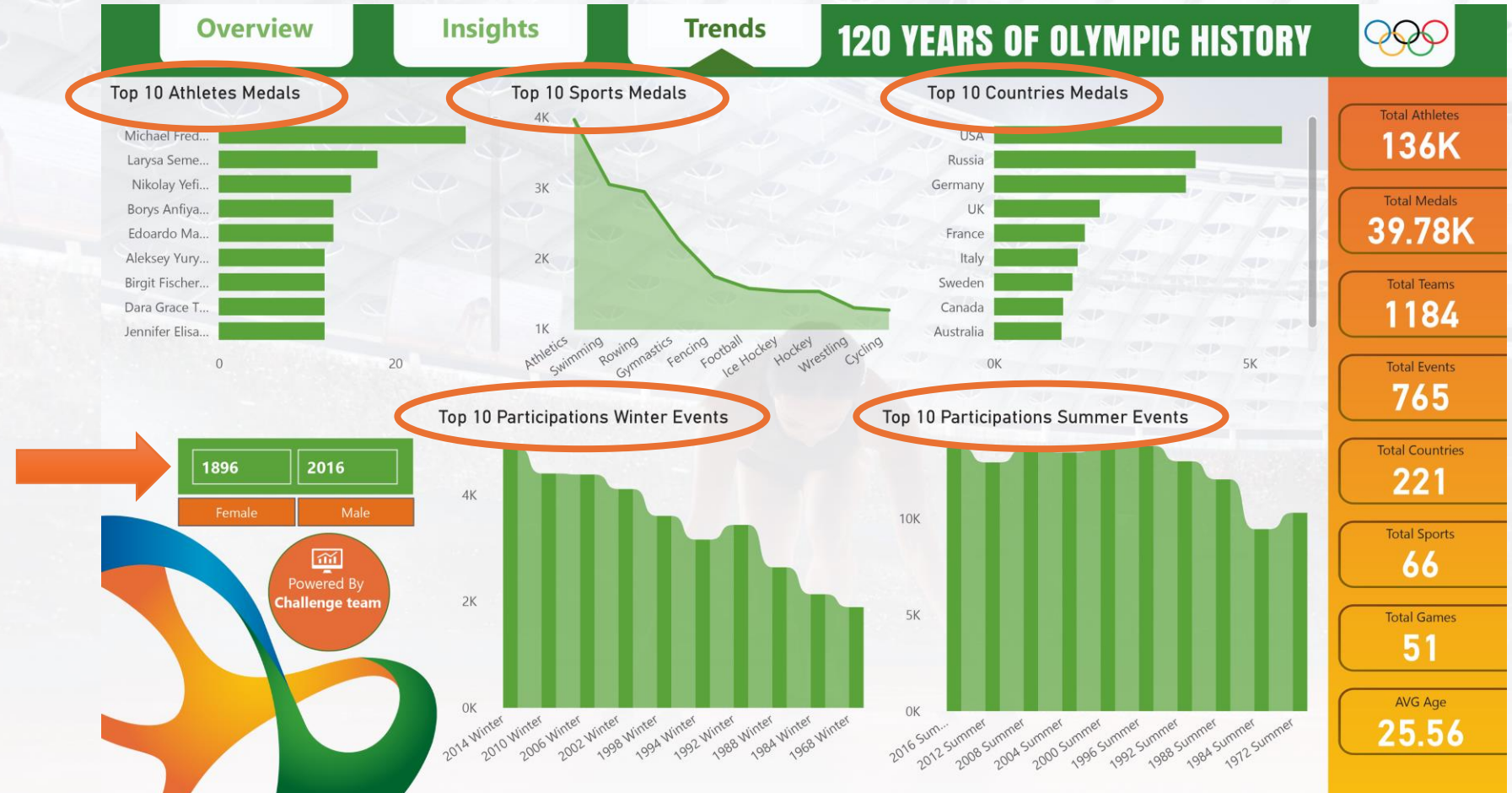




# Trends

## 120 Years of Olympic History

- Medals
- Countries
- Sports
- Athletes







# Trends

## 120 Years of Olympic History

### Top Medals

#### Sports

No.1 3969

No.10 1263

#### Athletes

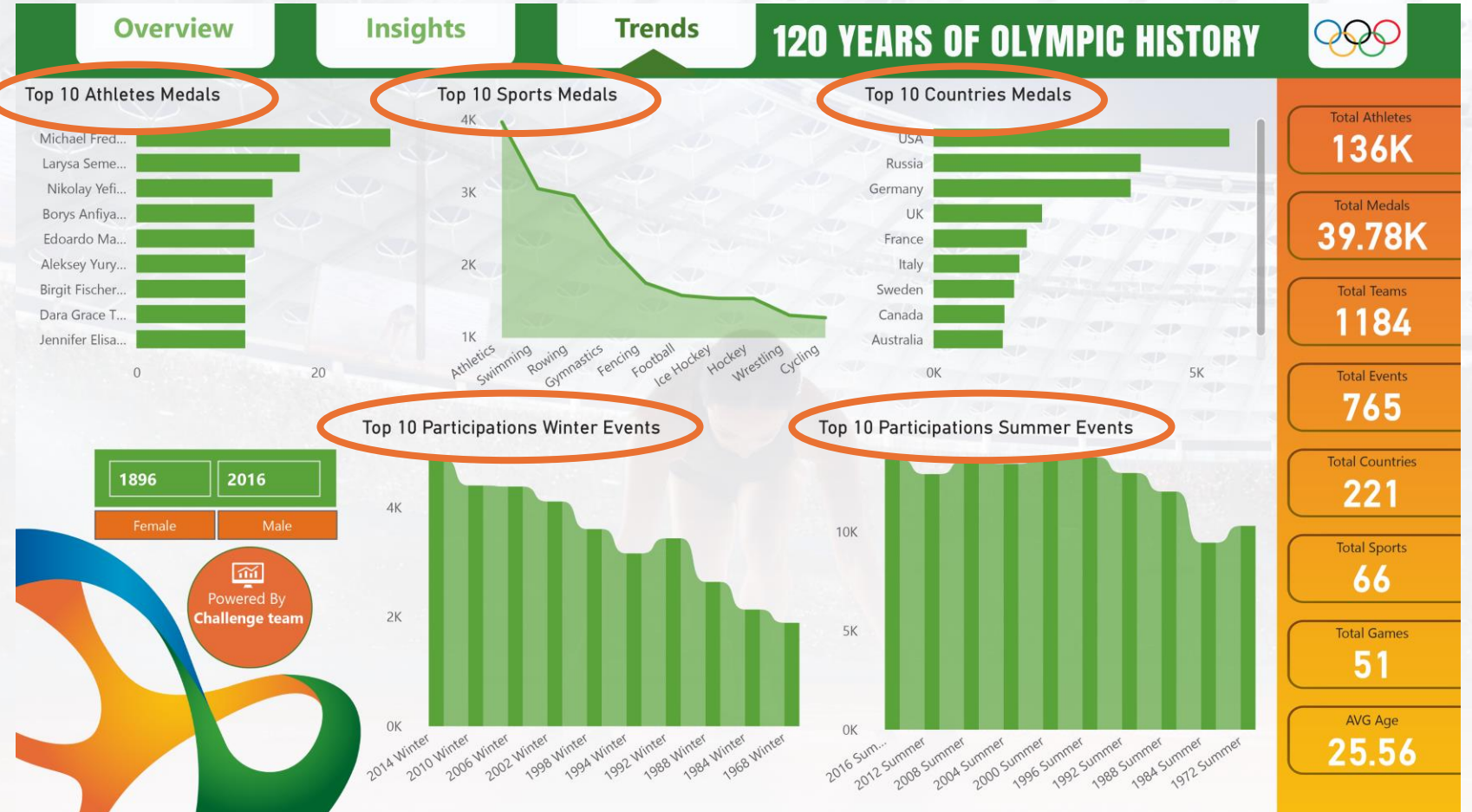
No.1 28

No.10 12

#### Countries

No.1 5637

No.10 1320







# Recommendations

- ➔ **The first recommendation is to always have an incentive to encourage participation in new sports.**
- ➔ **There should also be an incentive for countries that participate with a larger number of athletes.**
- ➔ **Better promotion should be done to increase female participation, aiming to reach 50%.**
- ➔ **Athletes should be supported and sponsored by sports institutions, especially in new sports.**



**thank  
you!**



**Group**  
Data Analyst Specialist\_SHR1\_G1e

# Challenge Team

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Supervised By Eng. ( Kareem El-Demerdash )

An orange speech bubble with a white border and a drop shadow, containing the text "thank you!".

thank  
you!