Sports Analytics Dataset

## **MECE Breakdown**

## **Sports and Events Analysis-**

Analyze the sports featured in the Olympics, distinguish between summer and winter editions and identify trends in the popularity of sports over time.

Evaluate the specific events within each sport, categorizing them by gender (Men's, Women's, Mixed) to understand the diversity of athletic disciplines.

### **Host Cities and Games Analysis-**

Examine the list of cities that have hosted the Olympic Games and identify patterns in geographical representation.

Explore the historical data of each Olympic Games edition, differentiating between Summer and Winter Olympics, and assess the frequency of events.

### **Participants Analysis-**

Investigate individuals who have competed in the Olympics, analyzing their attributes such as gender, height, and weight. This can provide insights into the demographics of Olympic athletes.

Access the National Olympic Committees (NOCs) and the countries they represent, offering insights into the diversity of nations participating.

### **Medals and Achievements Analysis-**

Explore the types of medals awarded (Gold, Silver, Bronze, N/A) and examine trends in medal distribution over the years.

Analyze data about competitors, the events they participated in, and the medals they received, uncovering patterns in athlete achievements.

**Insights -**

* Identification of the most popular sports in the Olympics over time.
* Analysis of the gender diversity within Olympic events.
* Recognition of sports trends
* Understanding the frequency of the Olympic Games.
* Demographic insights into Olympic athletes, including gender, height, and weight.
* Examination of medal distribution.
* Exploration of individual athlete achievements and their contributions to their respective countries.