120 Years of Olympic history:

Athletes and Results

**Data Set Info:**

Contains basic bio data on athletes and medal results from Athens 1896 to Rio 2016. The data set can be downloaded from Kaggle at this [link](https://www.kaggle.com/datasets/heesoo37/120-years-of-olympic-history-athletes-and-results). Note that the Winter and Summer Games were held in the same year up until 1992. After that, they staggered them such that Winter Games occur on a four-year cycle starting with 1994, then Summer in 1996, then Winter in 1998, and so on. A common mistake people make when analyzing this data is to assume that the Summer and Winter Games have always been staggered.

**List of all these 20 queries mentioned below:**

1. How many Olympics games have been held?
2. List down all Olympics games held so far.
3. Mention the total no of nations who participated in each Olympics game?
4. Which year saw the highest and lowest no of countries participating in Olympics?
5. Which nation has participated in all of the Olympic games?
6. Identify the sport which was played in all summer Olympics.
7. Which Sports were just played only once in the Olympics?
8. Fetch the total no of sports played in each Olympic game.
9. Fetch details of the oldest athletes to win a gold medal.
10. Find the Ratio of male and female athletes participated in all Olympic games.
11. Fetch the top 5 athletes who have won the most gold medals.
12. Fetch the top 5 athletes who have won the most medals (gold/silver/bronze).
13. Fetch the top 5 most successful countries in Olympics. Success is defined by no of medals won.
14. List down total gold, silver and bronze medals won by each country.
15. List down total gold, silver and bronze medals won by each country corresponding to each Olympic game.
16. Identify which country won the most gold, most silver and most bronze medals in each Olympic game.
17. Identify which country won the most gold, most silver, most bronze medals and the most medals in each Olympic game.
18. Which countries have never won gold medal but have won silver/bronze medals?
19. In which Sport/event, India has won highest medals.
20. Break down all Olympic games where India won medal for Hockey and how many medals in each Olympic game.