# 120 years of Olympic history: Athletes and results

# Introduction

This dataset provides an opportunity to ask questions about how the Olympics have evolved over time, including questions about the participation and performance of women, different nations, and different sports and events.

# Context

This is a historical dataset on the modern Olympic Games, including all the Games from Athens **1896 to Rio 2016**. I scraped this data from <a href="www.sports-reference.com">www.sports-reference.com</a> in May 2018. The R code I used to <a href="scrape">scrape</a> and <a href="www.sports-reference.com">wrangle</a> the data is on GitHub. I recommend checking <a href="https://www.sports-reference.com">my kernel</a> before starting your own analysis.

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.

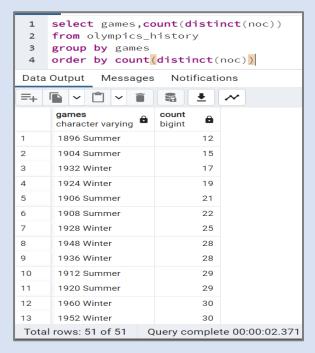
### 1. How many Olympics games have been held?



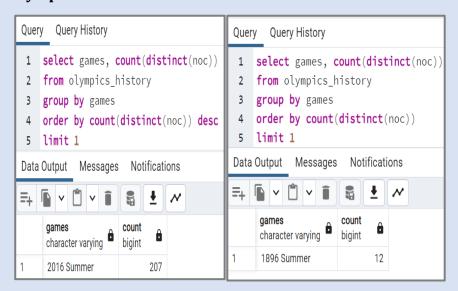
#### 2. List down all Olympics games held so far.



#### 3. Mention the total no of nations who participated in each olympics game?



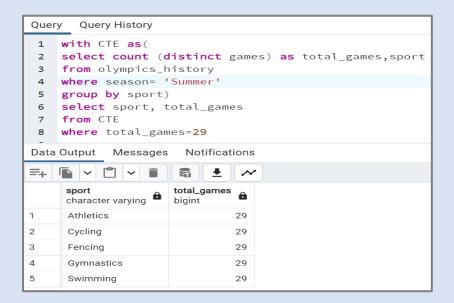
# **4.** Which year saw the highest and lowest no. of countries participating in Olympics?



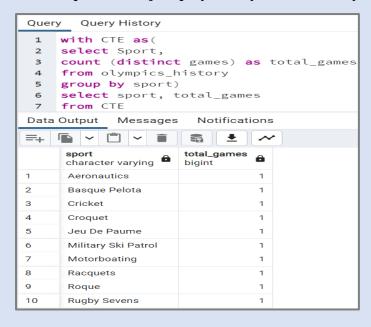
5. Which nation has participated in all of the Olympic games?



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 games.

