

List of all these 20 queries mentioned below:

1. How many olympics games have been held?

total_olympic_games bigint	🔒
51	

Expected Output: Query 1

2. List down all Olympics games held so far.

year integer	season character varying	city character varying
1896	Summer	Athina
1900	Summer	Paris
1904	Summer	St. Louis
1906	Summer	Athina
1908	Summer	London
1912	Summer	Stockholm
1920	Summer	Antwerpen
1924	Summer	Paris
1924	Winter	Chamonix
1928	Summer	Amsterdam

Expected Output: Query 2 (Showing few records only)

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

games character varying	total_countries bigint
1896 Summer	12
1900 Summer	31
1904 Summer	14
1906 Summer	20
1908 Summer	22
1912 Summer	29
1920 Summer	29
1924 Summer	45
1924 Winter	19
1928 Summer	46

Expected Output: Query 3 (Showing few records only)

4. Which year saw the highest and lowest no of countries participating in olympics?

lowest_countries text	highest_countries text
1896 Summer - 12	2016 Summer - 204

Expected Output: Query 4

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

country character varying	total_participated_games bigint
France	51
Italy	51
Switzerland	51
UK	51

Expected Output: Query 5

6. Identify the sport which was played in all summer olympics.

sport character varying	no_of_games bigint	total_games bigint
Swimming	29	29
Cycling	29	29
Fencing	29	29
Gymnastics	29	29
Athletics	29	29

Expected Output: Query 6

7. Which Sports were just played only once in the olympics?

sport character varying	no_of_games bigint	games character varying
Aeronautics	1	1936 Summer
Basque Pelota	1	1900 Summer
Cricket	1	1900 Summer
Croquet	1	1900 Summer
Jeu De Paume	1	1908 Summer
Military Ski Patrol	1	1924 Winter
Motorboating	1	1908 Summer
Racquets	1	1908 Summer
Roque	1	1904 Summer
Rugby Sevens	1	2016 Summer

Expected Output: Query 7

8. Fetch the total no of sports played in each olympic games.

games character varying 🔒	no_of_sports bigint 🔒
2000 Summer	34
2004 Summer	34
2016 Summer	34
2008 Summer	34
2012 Summer	32
1996 Summer	31
1992 Summer	29
1988 Summer	27
1920 Summer	25
1984 Summer	25

Expected Output: Query 8 (Showing few records only)

9. Fetch details of the oldest athletes to win a gold medal.

name character varying 🔒	sex character varying 🔒	age integer 🔒	team character varying 🔒	games character varying 🔒	city character varying 🔒	sport character varying 🔒	event character varying 🔒	medal character varying 🔒
Oscar Gomer Swahn	M	64	Sweden	1912 Summer	Stockholm	Shooting	Shooting Men's Running Target, Single Shot, Team	Gold
Charles Jacobus	M	64	United States	1904 Summer	St. Louis	Roque	Roque Men's Singles	Gold

Expected Output: Query 9

10. Find the Ratio of male and female athletes participated in all olympic games.

ratio text 🔒
1 : 2.64

Expected Output:

Query 10

11. Fetch the top 5 athletes who have won the most gold medals.

name character varying 🔒	team character varying 🔒	total_gold_medals bigint 🔒
Michael Fred Phelps, II	United States	23
Raymond Clarence "Ray" Ewry	United States	10
Mark Andrew Spitz	United States	9
Larysa Semenivna Latynina (Diriy-)	Soviet Union	9
Frederick Carlton "Carl" Lewis	United States	9
Paavo Johannes Nurmi	Finland	9
Ole Einar Bjrndalen	Norway	8
Matthew Nicholas "Matt" Biondi	United States	8
Sawao Kato	Japan	8
Jennifer Elisabeth "Jenny" Thompson (-Cumpelik)	United States	8

Expected Output: Query 11 (Showing few records only)

12. Fetch the top 5 athletes who have won the most medals (gold/silver/bronze).

name	team	total_medals
character varying	character varying	bigint
Michael Fred Phelps, II	United States	28
Larysa Semenivna Latynina (Diriy-)	Soviet Union	18
Nikolay Yefimovich Andrianov	Soviet Union	15
Edoardo Mangiarotti	Italy	13
Takashi Ono	Japan	13
Borys Anfiyanovych Shakhlin	Soviet Union	13
Ole Einar Bjørndalen	Norway	13
Dara Grace Torres (-Hoffman, -Minas)	United States	12
Paavo Johannes Nurmi	Finland	12
Natalie Anne Coughlin (-Hall)	United States	12

Expected Output: Query 12 (Showing few records only)

13. Fetch the top 5 most successful countries in olympics. Success is defined by no of medals won.

region	total_medals	rnk
character varying	bigint	bigint
USA	5637	1
Russia	3947	2
Germany	3756	3
UK	2068	4
France	1777	5

Expected Output: Query 13

14. List down total gold, silver and bronze medals won by each country.

country	gold	silver	bronze
character varying	integer	integer	integer
USA	2638	1641	1358
Russia	1599	1170	1178
Germany	1301	1195	1260
UK	678	739	651
Italy	575	531	531
France	501	610	666
Sweden	479	522	535
Canada	463	438	451
Hungary	432	332	371

Expected Output: Query 14 (Showing few records only)

15. List down total gold, silver and bronze medals won by each country corresponding to each olympic games.

games text	country text	gold integer	silver integer	bronze integer
1896 Summer	Australia	2	0	1
1896 Summer	Austria	2	1	2
1896 Summer	Denmark	1	2	3
1896 Summer	France	5	4	2
1896 Summer	Germany	25	5	2
1896 Summer	Greece	10	18	20
1896 Summer	Hungary	2	1	3
1896 Summer	Switzerland	2	0	1
1896 Summer	UK	3	3	3

Expected Output: Query 15 (Showing few records only)

16. Identify which country won the most gold, most silver and most bronze medals in each olympic games.

games text	max_gold text	max_silver text	max_bronze text
1896 Summer	Germany - 25	Greece - 18	Greece - 20
1900 Summer	UK - 59	France - 101	France - 82
1904 Summer	USA - 128	USA - 141	USA - 125
1906 Summer	Greece - 24	Greece - 48	Greece - 30
1908 Summer	UK - 147	UK - 131	UK - 90
1912 Summer	Sweden - 103	UK - 64	UK - 59
1920 Summer	USA - 111	France - 71	Belgium - 66
1924 Summer	USA - 97	France - 51	USA - 49
1924 Winter	UK - 16	USA - 10	UK - 11

Expected Output: Query 16 (Showing few records only)

17. Identify which country won the most gold, most silver, most bronze medals and the most medals in each olympic games.

games text	max_gold text	max_silver text	max_bronze text	max_medals text
1896 Summer	Germany - 25	Greece - 18	Greece - 20	Greece - 48
1900 Summer	UK - 59	France - 101	France - 82	France - 235
1904 Summer	USA - 128	USA - 141	USA - 125	USA - 394
1906 Summer	Greece - 24	Greece - 48	Greece - 30	Greece - 102
1908 Summer	UK - 147	UK - 131	UK - 90	UK - 368
1912 Summer	Sweden - 103	UK - 64	UK - 59	Sweden - 190
1920 Summer	USA - 111	France - 71	Belgium - 66	USA - 194
1924 Summer	USA - 97	France - 51	USA - 49	USA - 182
1924 Winter	UK - 16	USA - 10	UK - 11	UK - 31

Expected Output: Query 17 (Showing few records only)

18. Which countries have never won gold medal but have won silver/bronze medals?

country character varying	gold integer	silver integer	bronze integer
Paraguay	0	0	17
Montenegro	0	0	14
Fiji	0	0	13
Namibia	0	0	4
Afghanistan	0	0	2
Kuwait	0	0	2
Sri Lanka	0	0	2
Tanzania	0	0	2
Curacao	0	0	1

Expected Output: Query 18 (Showing few records only)

19. In which Sport/event, India has won highest medals.

sport character varying	total_medals bigint
Hockey	173

Expected Output: Query 19

20. Break down all olympic games where india won medal for Hockey and how many medals in each olympic games.

team character varying	sport character varying	games character varying	total_medals bigint
India	Hockey	1948 Summer	20
India	Hockey	1936 Summer	19
India	Hockey	1956 Summer	17
India	Hockey	1980 Summer	16
India	Hockey	1968 Summer	16
India	Hockey	1932 Summer	15
India	Hockey	1964 Summer	15
India	Hockey	1928 Summer	14
India	Hockey	1972 Summer	14

Expected Output: Query 20 (Showing few records only)