databricksOlympics

```
select * from olympics
```

Table

	ID	Name	Sex
1	1	A Dijiang	M
2	2	A Lamusi	M
3	3	Gunnar Nielsen Aaby	M
4	4	Edgar Lindenau Aabye	M
5	5	Christine Jacoba Aaftink	F
6	5	Christine Jacoba Aaftink	F
7	5	Christine Jacoba Aaftink	F

Truncated results, showing first 1,000 rows.

```
select count(distinct games) as total_olympic_games
from olympics;
```

Table

	total_olympic_games
1	51

Showing 1 row.

```
select Sex, mean(age) as Average_Age,
          mean(height) as Average_Height,
          mean(weight) as Average_Weight
from olympics
group by Sex;
```

Table

	Sex	Average_Age	Average_Height	Average_Weight
1	F	23.732880779508218	167.83973997447237	60.011413982128104
2	M	26.277561532227104	178.85846329588276	75.73467616893555

Showing all 2 rows.

```
select distinct games as olympic_games
from olympics oh
order by year asc;
```

Table

	olympic_games	year
1	1896 Summer	1896
2	1900 Summer	1900
3	1904 Summer	1904
4	1906 Summer	1906
5	1908 Summer	1908
6	1912 Summer	1912
7	1920 Summer	1920

Showing all 51 rows.

```
select distinct Team, NOC as Country
from olympics
```

Table

	Team	Country
1	Spain-1	ESP
2	Web III	DEN
3	Greece-3	GRE
4	Slovakia	SVK
5	Argonaut Rowing Club	CAN
6	Suzy-2	BEL
7	Widgeon	USA

Truncated results, showing first 1,000 rows.

```
select distinct oh.year,oh.season,oh.city
from olympics oh
order by year;
```

Table

	year	season	city

1	1896	Summer	Athina
2	1900	Summer	Paris
3	1904	Summer	St. Louis
4	1906	Summer	Athina
5	1908	Summer	London
6	1912	Summer	Stockholm
7	1920	Summer	Antwerpen

Showing all 52 rows.

```
with t1 as
     (select count(distinct games) as total_games
      from olympics where season = 'Summer'),
   t2 as
     (select distinct games, sport
      from olympics where season = 'Summer'),
   t3 as
     (select sport, count(1) as no_of_games
      from t2
      group by sport)
select *
from t3
join t1 on t1.total_games = t3.no_of_games;
```

Table

	sport ▲	no_of_games ▲	total_games ▲
1	Gymnastics	29	29
2	Swimming	29	29
3	Athletics	29	29
4	Cycling	29	29
5	Fencing	29	29

Showing all 5 rows.

```
with t1 as
  (select distinct games, sport
  from olympics),
  t2 as
  (select games, count(1) as no_of_sports
  from t1
  group by games)
select * from t2
order by no_of_sports desc;
```

Table

	games	no_of_sports
1	2016 Summer	34
2	2008 Summer	34
3	2004 Summer	34
4	2000 Summer	34
5	2012 Summer	32
6	1996 Summer	31
7	1992 Summer	29

Showing all 51 rows.

Table

	name	team	total_medals
1	Michael Fred Phelps, II	United States	28
2	Larysa Semenivna Latynina (Diriy-)	Soviet Union	18
3	Nikolay Yefimovich Andrianov	Soviet Union	15
4	Ole Einar Bjrndalen	Norway	13
5	Edoardo Mangiarotti	Italy	13
6	Takashi Ono	Japan	13
7	Borys Anfiyanovych Shakhlin	Soviet Union	13

Showing all 14 rows.