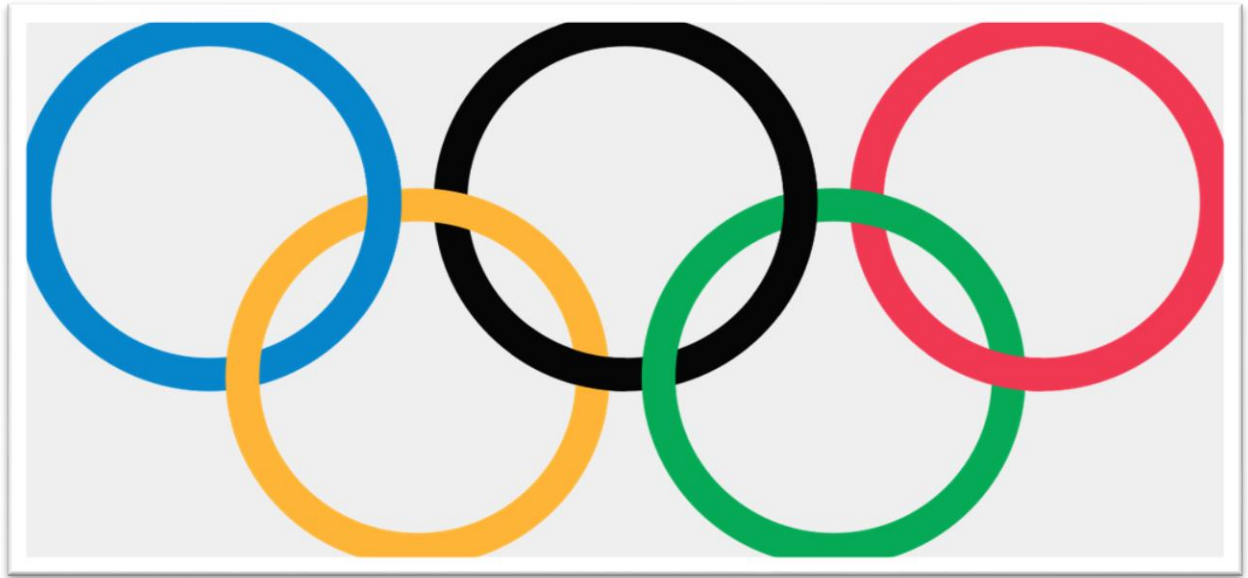


SQL PROJECT OLYMPICS



-- 1. Show how many medal counts present for entire data

```
select medal, count(medal) as medalcount
from olympics1
where medal <> 'NoMedal'
group by medal ;
```

```
37 -- 1. Show how many medal counts present for entire data
38 • select medal, count(medal) as count_medal
39   from olympics
40  where medal <> 'NoMedal'
41  group by medal;
42
```

medal	count_medal
Gold	13372
Bronze	13295
Silver	13116

-- 2. Show count of unique sports present in Olympics1

```
select Sport, count(distinct(Sport))
from olympics1
group by Sport;
```

```

42
43
44 -- 2. Show count of unique sports present in Olympics
45 • select sport, count(distinct(sport))
46 from olympics
47 group by sport;

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
sport	count(distinct(sport))		
Aeronautics	1		
Alpine Skiing	1		
Alpinism	1		
Archery	1		
Art Competitions	1		
Athletics	1		
Badminton	1		
Baseball	1		
Basketball	1		
Basque Pelota	1		
Beach Volleyball	1		
Biathlon	1		
Bobsleigh	1		
Boxing	1		
Canoeing	1		
Cricket	1		
Croquet	1		
Cross Country ...	1		

-- 3. Show how many different medals won by team India

select Team, medal, count(medal) as medalcount

from olympics1

where Team= 'India' AND medal <> 'Nomedal'

group by Team, medal;

```

48
49 -- 3. Show how many different medals won by team India
50 • select Team, medal, count(medal) as medalcount
51 from olympics
52 where Team='India' AND medal <> 'Nomedal'
53 group by Team, medal;
54

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
Team	medal	medalcount	
India	Gold	138	
India	Silver	19	
India	Bronze	40	

-- 4. Show event wise medals won by India show from highest to lowest medals won in order

select Team, Event, medal, count(medal) as medalcount

from olympics1

where Team = 'India' AND medal <> 'Nomedal'

group by Team, Event, medal, Order by medalcount desc;

```

55
56 -- 4. Show event wise medals won by India show from highest to lowest medals won in order
57
58 • select Team,Event,medal, count(medal) as medalcount
59 from olympics
60 where Team = 'India' AND medal <> 'Nomedal'
61 group by Team,Event,medal
62 order by medalcount desc;

```

Team	Event	medal	medalcount
India	Hockey Mens Hockey	Gold	130
India	Hockey Mens Hockey	Bronze	30
India	Hockey Mens Hockey	Silver	13
India	Alpinism Mixed Alpinism	Gold	7
India	Shooting Mens Air Rifle 10 metres	Gold	1
India	Wrestling Mens Lightweight Freestyle	Bronze	1
India	Wrestling Mens Bantamweight Freestyle	Bronze	1
India	Boxing Womens Flyweight	Bronze	1
India	Wrestling Mens Welterweight Freestyle	Bronze	1
India	Wrestling Mens Welterweight Freestyle	Silver	1
India	Shooting Mens RapidFire Pistol 25 metres	Silver	1
India	Wrestling Womens Lightweight Freestyle	Bronze	1
India	Weightlifting Womens LightHeavyweight	Bronze	1
India	Shooting Mens Air Rifle 10 metres	Bronze	1
India	Badminton Womens Singles	Bronze	1
India	Tennis Mens Singles	Bronze	1
India	Athletics Mens 200 metres	Silver	1
India	Athletics Mens 200 metres Hurdles	Silver	1
India	Shooting Mens Double Trap	Silver	1
India	Badminton Womens Singles	Silver	1
India	Boxing Mens Middleweight	Bronze	1

-- 5. Show event wise medals won by India in order of year

select event, year,medal, Team from olympics1

where Team='India' AND Medal <> 'Nomedal'

group by event, year, medal

order by Year;

```

63 -- 5. Show event wise medals won by India in order of year
64 • select event,year medal,Team from olympics
65 where Team='India' and Medal <> 'Nomedal'
66 group by event,year,medal
67 order by year;

```

event	year	medal	Team
Athletics Mens 200 metres	1900		India
Athletics Mens 200 metres Hurdles	1900		India
Alpinism Mixed Alpinism	1924		India
Hockey Mens Hockey	1928		India
Hockey Mens Hockey	1932		India
Hockey Mens Hockey	1936		India
Hockey Mens Hockey	1948		India
Hockey Mens Hockey	1952		India
Wrestling Mens Bantamweight Freestyle	1952		India
Hockey Mens Hockey	1956		India
Hockey Mens Hockey	1960		India
Hockey Mens Hockey	1964		India
Hockey Mens Hockey	1968		India
Hockey Mens Hockey	1972		India
Hockey Mens Hockey	1980		India
Tennis Mens Singles	1996		India
Weightlifting Womens LightHeavyweight	2000		India
Shooting Mens Double Trap	2004		India
Shooting Mens Air Rifle 10 metres	2008		India
Wrestling Mens Welterweight Freestyle	2008		India
Boxing Mens Middleweight	2008		India
Wrestling Mens Lightweight Freestyle	2012		India
Boxing Womens Flyweight	2012		India
Wrestling Mens Welterweight Freestyle	2012		India
Shooting Mens RapidFire Pistol 25 metres	2012		India
Shooting Mens Air Rifle 10 metres	2012		India

-- 6. show country who won maximum medals.

select Team, medal, count(medal) as medalcount

from olympics1

where medal <> 'Nomedal'

group by Team,medal

order by medalcount desc;

```
68 -- 6. show country who won maximum medals.
69 • select Team,medal, count(medal) as medalcount
70 from olympics1
71 where medal <> 'Nomedal'
72 group by Team,medal
73 order by medalcount desc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Contents: [T](#)

	Team	medal	medalcount
▶	United States	Gold	2474
	United States	Silver	1512
	United States	Bronze	1233
	Soviet Union	Gold	1058
	Soviet Union	Silver	716
	Germany	Gold	679
	Germany	Bronze	678
	Soviet Union	Bronze	677
	Germany	Silver	627
	Great Britain	Silver	582
	France	Bronze	577
	Great Britain	Bronze	572
	Italy	Gold	535
	Great Britain	Gold	519
	France	Silver	518
	Australia	Bronze	511
	Italy	Silver	508
	Sweden	Bronze	507
	Italy	Bronze	484
	Sweden	Silver	476
	France	Gold	455
	Australia	Silver	453
	Sweden	Gold	451
	Hungary	Gold	432

-- 7.show top 10 countries whowon gold

select Team, medal, count(medal) as medalcount

from olympics1

where medal = 'Gold'

group by Team, medal

order by medalcount desc

limit 10;

```

74
75 -- 7.show top 10 countries whowon gold
76 • select Team,medal,count(medal) as medalcount
77 from olympics
78 where medal = 'Gold'
79 group by Team,medal
80 order by medalcount desc
81 limit 10;

```

Team	medal	medalcount
United States	Gold	2474
Soviet Union	Gold	1058
Germany	Gold	679
Italy	Gold	535
Great Britain	Gold	519
France	Gold	455
Sweden	Gold	451
Hungary	Gold	432
Canada	Gold	422
East Germany	Gold	369

-- 8. show in which year did United states won most gold medal

select Team, year, medal, count(medal) as medalcount from olympics1

where Team='United States' AND medal = 'Gold'

group by year, medal

order by medalcount desc;

```

83
84 -- 8. show in which year did United states won most gold medal
85
86 • select Team,year,medal,count(medal) as medalcount from olympics
87 where Team='United States' AND medal = 'Gold'
88 group by year,medal
89 order by medalcount desc;
90

```

Team	year	medal	medalcount
United States	1984	Gold	190
United States	1996	Gold	157
United States	2012	Gold	139
United States	2016	Gold	137
United States	2000	Gold	128
United States	2008	Gold	121
United States	2004	Gold	115
United States	1920	Gold	111
United States	1968	Gold	100
United States	1960	Gold	97
United States	1964	Gold	96
United States	1992	Gold	92
United States	1924	Gold	92
United States	1988	Gold	89
United States	1948	Gold	82
United States	1952	Gold	77
United States	1976	Gold	73
United States	1972	Gold	72
United States	1932	Gold	71
United States	1904	Gold	65
United States	1956	Gold	61
United States	1936	Gold	51

-- 9. In which sports United States has most medals.

```
select Team,Sport,Medal, count(medal) as medalcount from olympics1
```

```
where Team='United States' AND Medal <> 'Nomedal'
```

```
group by Team, Sport, Medal
```

```
90
91 -- 9. In which sports United States has most medals.
92 • select Team,sport,Medal,count(medal) as medalcount from olympics
93 where Team ='United States' AND Medal <> 'Nomedal'
94 group by team,sport,medal
95 order by medalcount desc;
96
97
```

Team	sport	Medal	medalcount
United States	Swimming	Gold	4515
United States	Athletics	Gold	3799
United States	Athletics	Silver	2191
United States	Basketball	Gold	1967
United States	Swimming	Silver	1750
United States	Athletics	Bronze	1547
United States	Ice Hockey	Silver	1323
United States	Swimming	Bronze	1197
United States	Rowing	Gold	1120
United States	Shooting	Gold	819
United States	Rowing	Silver	651
United States	Rowing	Bronze	560
United States	Football	Gold	462
United States	Water Polo	Silver	455
United States	Gymnastics	Silver	455
United States	Gymnastics	Bronze	399
United States	Ice Hockey	Gold	392
United States	Gymnastics	Gold	385
United States	Equestria...	Bronze	371
United States	Wrestling	Gold	364
United States	Boxing	Gold	350
United States	Equestria...	Silver	343

-- 10. Find top three players who won most medals along with their sports and country

```
select name,sport,team, count(medal) as medalcount from olympics1
```

```
where Medal <> 'Nomedal'
```

```
group by name,sport,medal,team
```

```
order by medalcount desc
```

```
limit 3;
```

```
97
98
99 -- 10. Find top three players who won most medals along with their sports and country
100 • select name,sport,team, count(medal) as medalcount from olympics
101 where medal <> 'Nomedal'
102 group by name,sport,medal,team
103 order by medalcount desc
104 limit 3;
105
```

name	sport	team	medalcount
Michael Fred Phelps II	Swimming	United States	161
Raymond Clarence Ray Ewry	Athletics	United States	70
Frederick Carlton Carl Lewis	Athletics	United States	63

-- 11. Find player with most gold medals in cycling along with his country.

```
select name, medal ,sport,Team, count(medal) as medalcount from olympics1
```

```
where sport='Cycling' AND medal = 'Gold'
```

```
group by name, medal ,sport,Team
```

```
order by medalcount desc
```

```
limit 1;
```

```
05
06
07 -- 11. Find player with most gold medals in cycling along with his country.
08
09 • select name,medal,sport,Team,count(medal) as medalcount from olympics
10 where sport='Cycling' AND medal='Gold'
11 group by name,medal,sport,Team
12 order by medalcount desc limit 1;
13
```

result Grid	Filter Rows:	Export:	Wrap Cell Contents:	Fetch rows:
name	medal	sport	Team	medalcount
Christopher Andrew Chris Hoy	Gold	Cycling	Great Britain	42

-- 12.Find player with most medals (Gold+Silver+Bronze) in Basketball also show his country.

```
select Team,name, sport,medal, count(medal) as medalcount from olympics1
```

```
where sport= 'basketball' and medal <> 'Nomedal'
```

```
group by Team,name, sport,medal
```

```
order by medalcount desc;
```

```
4 -- 12.Find player with most medals (Gold+Silver+Bronze) in Basketball also show his country.
5 • select team,name,sport,medal,count(medal) as medalcount from olympics
6 where sport='basketball' and medal <> 'Nomedal'
7 group by team,name,sport,medal
8 order by medalcount desc;
9
```

team	name	sport	medal	medalcount
United States	Suzanne Brigit Sue Bird	Basketball	Gold	28
United States	Tamika Devonne Catchings	Basketball	Gold	28
United States	Teresa Edwards	Basketball	Gold	28
United States	Lisa Deshawn Leslie Lockwood	Basketball	Gold	28
United States	Diana Lurena Taurasi	Basketball	Gold	28
United States	Carmelo Kyan Anthony	Basketball	Gold	21
United States	Seimone Delicia Augustus	Basketball	Gold	21
Soviet Union	Sergey Aleksandrovich Belov	Basketball	Bronze	21
Lithuania	Gintaras Einikis	Basketball	Bronze	21
United States	Sylvia Shaqueria Fowles	Basketball	Gold	21
Australia	Kristi Lee Harrower	Basketball	Silver	21
Australia	Lauren Elizabeth Jackson	Basketball	Silver	21
Soviet Union	Jnis Krm	Basketball	Silver	21
Soviet Union	Valdis Muinieks	Basketball	Silver	21
United States	Katherine May Katie Smith	Basketball	Gold	21
United States	Dawn Michelle Staley	Basketball	Gold	21
United States	Sheryl Denice Swoopes	Basketball	Gold	21
Soviet Union	Maigonis Valdmantis	Basketball	Silver	21
Brazil	Zenny Algodo de Azevedo	Basketball	Bronze	14
Brazil	Amaury Antnio Pasos	Basketball	Bronze	14
United States	Charles Wade Barkley	Basketball	Gold	14
Soviet Union	Olga Fyodorovna Barysheva...	Basketball	Gold	14
Australia	Suzy Batkovic Brown	Basketball	Silver	14
United States	Alice Ruth Ruthie BoltonHolfield	Basketball	Gold	14
Australia	Sandra Anne Sandy Brondello	Basketball	Silver	14

-- 13. Find out the count of different medals of the top basketball player Teresa Edwards

```
select name,sport,medal, count(medal) from olympics1
```

```
where sport= 'basketball' and name='Teresa Edwards'
```

```
group by name, sport,medal;
```

119

120 -- 13. Find out the count of different medals of the top basketball player Teresa Edwards

121 • select name,sport,medal,count(medal) from olympics

122 where sport='basketball' and name='Teresa Edwards'

123 group by name,sport,medal;

124

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

name	sport	medal	count(medal)
Teresa Edwards	Basketball	Gold	28
Teresa Edwards	Basketball	Bronze	7

-- 14. Find out medals won by male,female each year , Export this data and plot graph in excel

```
select Sex, year, medal, count(medal) from olympics1
```

```
where Medal <> 'Nomedal'
```

```
group by sex, year, medal
```




```
order by sex, year, medal;
```



```

125 -- 14. Find out medals won by male,female each year , Export this data and plot graph in excel
126 • select sex,year,medal,count(medal) from olympics
127 where medal <> 'Nomedal'
128 group by sex,year,medal
129 order by sex,year,medal;
130

```

Result Grid  Filter Rows: <input type="text"/>					Export: 	Wrap Cell Content: 
	sex	year	medal	count(medal)		
▶	F	1900	Bronze	35		
	F	1900	Gold	28		
	F	1900	Silver	28		
	F	1904	Bronze	14		
	F	1904	Gold	42		
	F	1904	Silver	14		
	F	1906	Bronze	14		
	F	1906	Gold	14		
	F	1906	Silver	14		
	F	1908	Bronze	35		
	F	1908	Gold	42		
	F	1908	Silver	35		
	F	1912	Bronze	70		
	F	1912	Gold	70		
	F	1912	Silver	70		
	F	1920	Bronze	98		
	F	1920	Gold	105		
	F	1920	Silver	105		
	F	1924	Bronze	119		
	F	1924	Gold	119		
	F	1924	Silver	126		
	F	1928	Bronze	245		
	F	1928	Gold	238		
	F	1928	Silver	238		
	F	1932	Bronze	154		