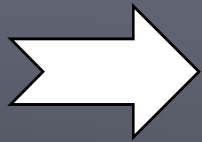
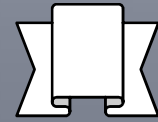


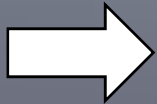
SQL .PROJECT



SIDDHESH GUJAR

Q1. Show how many medal counts present for entire data.

Ans.

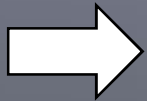


```
select medal, count(medal) as countmedal
from athletes
group by medal;
```

	medal	countmedal
►	NoMedal	231333
	Gold	13372
	Bronze	13295
	Silver	13116

Q2. Show Count Of Unique Sports Are Present In Olympics.

Ans.

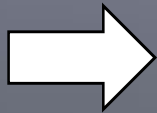


```
select count( distinct sport) as sports_count  
from athletes;
```

	sports_count
▶	66

Q3. Show How Many Different Medals Won By Team India In Data.

Ans.

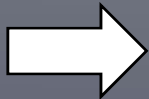


```
select medal,team,count(medal)
from athletes
where team='india'and
medal<>'nomedal'
group by medal,team;
```

	medal	team	count(medal)
▶	Gold	India	138
	Silver	India	19
	Bronze	India	40

Q4. Show event wise medals won by India show from highest to lowest medals won in order.

Ans.

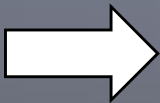


```
select event, count(medal) as medalcount
from athletes
where team='india' and
medal <> 'nomedal'
group by event
order by medalcount desc;
```

event	medalcount
Hockey Mens Hockey	173
Alpinism Mixed Alpinism	7
Shooting Mens Air Rifle 10 metres	2
Wrestling Mens Welterweight Freestyle	2
Badminton Womens Singles	2
Wrestling Mens Lightweight Freestyle	1
Wrestling Mens Bantamweight Freestyle	1
Boxing Womens Flyweight	1
Shooting Mens RapidFire Pistol 25 metres	1
Wrestling Womens Lightweight Freestyle	1
Weightlifting Womens LightHeavyweight	1
Tennis Mens Singles	1
Athletics Mens 200 metres	1
Athletics Mens 200 metres Hurdles	1
Shooting Mens Double Tran	1

Q5. Show event and year wise medals won by India in order of year.

Ans.



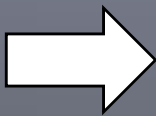
```
select event ,year,count(medal)as medalcount
from athletes
where team='india'and
medal<> 'nomedal'
group by event,year
order by year desc;
```

event	year	medalcount
Wrestling Womens Lightweight Freestyle	2016	1
Badminton Womens Singles	2016	1
Wrestling Mens Lightweight Freestyle	2012	1
Boxing Womens Flyweight	2012	1
Wrestling Mens Welterweight Freestyle	2012	1
Shooting Mens RapidFire Pistol 25 metres	2012	1
Shooting Mens Air Rifle 10 metres	2012	1
Badminton Womens Singles	2012	1
Shooting Mens Air Rifle 10 metres	2008	1
Wrestling Mens Welterweight Freestyle	2008	1
Boxing Mens Middleweight	2008	1
Shooting Mens Double Trap	2004	1
Weightlifting Womens LightHeavyweight	2000	1
Tennis Mens Singles	1996	1
Hockey Mens Hockey	1980	16
Hockey Mens Hockey	1972	14
Hockey Mens Hockey	1968	16
Hockey Mens Hockey	1964	15
Hockey Mens Hockey	1960	13

event	year	medalcount
Hockey Mens Hockey	1960	13
Hockey Mens Hockey	1956	17
Hockey Mens Hockey	1952	14
Wrestling Mens Bantamweight Freestyle	1952	1
Hockey Mens Hockey	1948	20
Hockey Mens Hockey	1936	19
Hockey Mens Hockey	1932	15
Hockey Mens Hockey	1928	14
Alpinism Mixed Alpinism	1924	7
Athletics Mens 200 metres	1900	1
Athletics Mens 200 metres Hurdles	1900	1

Q6. Show the country with maximum medals won gold, silver, bronze

Ans.

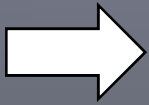


```
select team, count(medal) as medalcount
From athletes
where medal <> 'nomedal'
group by team
order by medalcount desc
limit 1;
```

	team	medalcount
►	United States	5219

Q7. Show the top 10 countries with respect to gold medals

Ans.

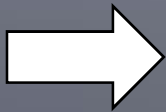


```
select team,count(medal) as goldmedalcount
from athletes
where medal='gold'
group by team
order by goldmedalcount desc
limit 10;
```

	team	goldmedalcount
▶	United States	2474
	Soviet Union	1058
	Germany	679
	Italy	535
	Great Britain	519
	France	455
	Sweden	451
	Hungary	432
	Canada	422
	East Germany	369

Q8. Show in which year did United States won most medals

Ans.

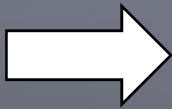


```
select team,year, count(medal) as medalcount
from athletes
where team='united states' and medal<>'nomedal'
group by team,year
order by medalcount desc
limit 1;
```

	team	year	medalcount
>	United States	1984	359

Q9. In which sports United States has most medals

Ans.

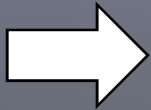


```
select team,sport,count(medal) as countmedal
from athletes
where team='united states' and medal<>'nomedal'
group by team,Sport
order by countmedal desc
limit 1;
```

	team	sport	countmedal
►	United States	Athletics	1071

Q10. Find top 3 players who have won most medals along with their sports and country.

Ans.

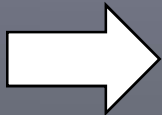


```
select name,sport,team ,count(medal) as medalcount
from athletes
where medal<>'nomedal'
group by name,sport,team
order by medalcount desc
limit 3;
```

	name	sport	team	medalcount
►	Michael Fred Phelps II	Swimming	United States	28
	Larysa Semenivna Latynina Diriy	Gymnastics	Soviet Union	18
	Nikolay Yefimovich Andrianov	Gymnastics	Soviet Union	15

Q11. Find player with most gold medals in cycling along with his country.

Ans.

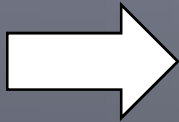


```
select name,sport,team,count(medal) as goldmedalcount
from athletes
where medal='gold' and sport='cycling'
group by name,medal,sport,team
order by goldmedalcount desc
limit 1;
```

	name	sport	team	goldmedalcount
▶	Christopher Andrew Chris Hoy	Cycling	Great Britain	6

Q12. Find player with most medals (Gold + Silver + Bronze) in Basketball also show his country.

Ans.

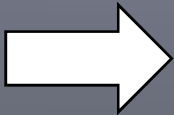


```
select name,sport,team,count(medal) as medalcount
from athletes
where medal<>'nomedal' and sport='basketball'
group by name, sport,team
order by medalcount desc
limit 1;
```

	name	sport	team	medalcount
▶	Teresa Edwards	Basketball	United States	5

Q13. Find out the count of different medals of the top basketball player.

Ans.

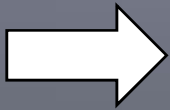


```
select medal, count(medal)
from athletes
where medal <> 'Nomedal' and name = 'Teresa Edwards'
group by medal;
```

	medal	count(medal)
▶	Gold	4
	Bronze	1

Q14. Find out medals won by male, female each year.

Ans.



```
select sex,year,count(medal) as countmedal
from athletes
where medal<>'nomedal'
group by sex,year
order by year;
```

	sex	year	countmedal
▶	M	1896	143
	M	1900	591
	F	1900	13
	M	1904	476
	F	1904	10
	F	1906	6
	M	1906	452
	M	1908	815
	F	1908	16

	sex	year	countmedal
	M	1912	911
	F	1912	30
	M	1920	1264
	F	1920	44
	M	1924	910
	F	1924	52
	F	1928	103
	M	1928	720
	M	1932	671
	F	1932	68
	M	1936	928

	sex	year	countmedal
	M	1948	871
	F	1948	116
	M	1952	875
	F	1952	158
	M	1956	872
	F	1956	171
	F	1960	195
	M	1960	863
	F	1964	246
	M	1964	969
	M	1968	995