

-- SQL PROJECT

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

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

Medal	medal_counts
Gold	26744
Bronze	26590
Silver	26232

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

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43 -- 2. Show count of unique sports present in Olympics
44 • select count(distinct(Sport)) as unique_sport from olympics;
--
```

unique_sport
66

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

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46      -- 3. Show how many different medals won by team India
47      • select Team,medal,count(Medal) as Medal_count
48      from olympics
49      where Team="India"
50      group by medal;
51
52
53
```

Result Grid			
		Filter Rows:	
		Export:	Wrap Cell Content:
	Team	medal	Medal_count
▶	India	NoMedal	2406
	India	Gold	276
	India	Silver	38
	India	Bronze	80



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

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52
53      -- 4. Show event wise medals won by India show from highest to lowest medals won in order
54      • select Team,Event,count(Medal) as medal_count
55      from olympics
56      where Team="India" and Medal<>"NoMedal"
57      group by Event
58      order by medal_count desc
59      limit 5;
60
61
```

Result Grid			
		Filter Rows:	
		Export:	Wrap Cell Content:
		Fetch rows:	
	Team	Event	medal_count
▶	India	Hockey Mens Hockey	346
	India	Alpinism Mixed Alpinism	14
	India	Shooting Mens Air Rifle 10 metres	4
	India	Badminton Womens Singles	4
	India	Wrestling Mens Welterweight Freestyle	4


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

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63
64 -- 5. Show event wise medals won by India in order of year
65 • select distinct(Year) as year, Team, Event from olympics
66 where Team="India" and Medal<>"NoMedal"
67 group by Event,year
68 order by year
69 limit 5;
70
71
72
```

Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap Cell Content:  Fetch rows:			
	year	Team	Event
▶	1900	India	Athletics Mens 200 metres Hurdles
	1900	India	Athletics Mens 200 metres
	1924	India	Alpinism Mixed Alpinism
	1928	India	Hockey Mens Hockey
	1932	India	Hockey Mens Hockey

-- 6. show country who won maximum medals.

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72
73 -- 6. show country who won maximum medals.
74 • select Team, count(Medal) as medalcount
75 from olympics
76 where Medal<>"NoMedal"
77 group by Team
78 order by medalcount desc
79 limit 5;
```

Result Grid		
Filter Rows: <input type="text"/>		
Export: 		
	Team	medalcount
▶	United States	10438
	Soviet Union	4902
	Germany	3968
	Great Britain	3346
	France	3100

-- 7.show top 10 countries whowon gold

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83      -- 7.show top 10 countries whowon gold
84      • select Team,count(Medal) as goldcount
85          from olympics
86          where Medal="Gold"
87          group by Team
88          order by goldcount desc
89          limit 10;
90
```

Result Grid		Filter Rows:	Export:
Team	goldcount		
United States	4948		
Soviet Union	2116		
Germany	1358		
Italy	1070		
Great Britain	1038		
France	910		
Sweden	902		
Hungary	864		
Canada	844		
East Germany	738		


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

```
92
93      -- 8. show in which year did United states won most gold medal
94      • select year,Team,Medal,
95          count(Medal) as countmedal
96          from olympics
97          where Team="United States"
98          and Medal="Gold"
99          group by year
100         order by countmedal desc
101         limit 1;
102
```

Result Grid				Filter Rows:	Export:	Wrap Cell Content:	Fetch r
year	Team	Medal	countmedal				
1984	United States	Gold	380				




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

```
105      -- 9. In which sports United States has most medals.
106  •    select Sport,Team,
107         count(Medal) as medalcount
108         from olympics
109         where Medal<>"NoMedal" and
110                Team="United states"
111         group by Sport
112         order by medalcount desc
113         limit 5;
```

Result Grid			
Filter Rows: <input type="text"/>			
Export:  Wrap C			
	Sport	Team	medalcount
▶	Athletics	United States	2142
	Swimming	United States	2132
	Basketball	United States	682
	Rowing	United States	666
	Ice Hockey	United States	552




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

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115
116      -- 10. Find top three players who won most medals along with their sports and country
117  •    select Name, Sport,Team,
118         count(Medal) as medalcounts
119         from olympics
120         where Medal<>"NoMedal"
121         group by Name,Team,Sport
122         order by medalcounts desc
123         limit 3;
```

Result Grid				
Filter Rows: <input type="text"/>				
Export:  Wrap Cell Content:  Fetch rows: 				
	Name	Sport	Team	medalcounts
▶	Michael Fred Phelps II	Swimming	United States	56
	Larysa Semenivna Latynina Diriy	Gymnastics	Soviet Union	36
	Nikolay Yefimovich Andrianov	Gymnastics	Soviet Union	30



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

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--  
125 -- 11. Find player with most gold medals in cycling along with his country.  
126 • select Name,Sport,Team,count(Medal) as medalcount  
127 from olympics  
128 where Medal="Gold" and  
129 Sport="Cycling"  
130 Group by Name,Sport,Team  
131 order by medalcount desc  
132 limit 1;  
133
```

Result Grid				
Filter Rows: <input type="text"/>				
Export: 				
Wrap Cell Content: 				
Fetch rows: 				
	Name	Sport	Team	medalcount
▶	Christopher Andrew Chris Hoy	Cycling	Great Britain	12

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

```
4 -- 12.Find player with most medals (Gold+Silver+Bronze) in Basketball also show his country.  
5 • select Name, count(Medal) as medalcount, Team, Sport  
6 from olympics  
7 where Medal<>"NoMedal" and  
8 Sport="Basketball"  
9 group by Name,Team,Sport  
0 order by medalcount desc  
1 limit 1;  
2
```

Result Grid			
Filter Rows: <input type="text"/>			
Export: 			
Wrap Cell Content: 			
Fetch rows: 			
	Name	medalcount	Team
	Teresa Edwards	10	United States
			Basketball

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

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143 -- 13. Find out the count of different medals of the top basketball player Teresa Edwards
144 • select distinct(Medal) as medals, count(Medal) as totalmedals
145 from olympics
146 where Name="Teresa Edwards"
147 group by medals;

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
medals			
Gold	8		
Bronze	2		

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

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148 -- 14. Find out medals won by male,female each year , Export this data and plot graph in excel
149 • select year,sex,count(*) as medalcounts from olympics
150 where Medal<>"NoMedal"
151 group by year,sex
152 order by year
153 limit 20;
154
155

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:
year	sex	medalcounts		
1896	M	286		
1900	F	26		
1900	M	1182		
1904	F	20		
1904	M	952		
1906	F	12		
1906	M	904		
1908	F	32		
1908	M	1630		
1912	F	60		

