

# Olympics Medal Project

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

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```
select medal, count(medal) as medal_count
from olympics
group by medal
order by medal_count asc;
```

	medal	medal_count
►	Silver	13116
	Bronze	13295
	Gold	13372
	NoMedal	231333

## Q2. Show count of unique Sports are present in Olympics.

---

```
select count(distinct sport) as unique_sports_count  
from olympics;
```

	unique_sports_count
▶	66

# Q3. Show how many different medals won by Team India in data.

---

```
select medal, count(medal) as medal_count
from olympics
where team = 'india'
group by medal
order by medal_count asc;
```

medal	medal_count
Silver	19
Bronze	40
Gold	138
NoMedal	1203

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

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```
select event, count(medal) as medal_count
from olympics
where team='india' and medal<>'NoMedal'
group by event
order by medal_count desc;
```

event	medal_count
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

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

---

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

	event	year	medal_count
►	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

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

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```
select team, count(medal) as medal_count
from olympics
where medal <> 'NoMedal'
group by team
order by medal_count desc
limit 1;
```

	team	medal_count
▶	United States	5219

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

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

	team	gold_medal_count
►	United States	2474
	Soviet Union	1058
	Germany	679
	Italy	535
	Great Britain	519
	France	455
	Sweden	451
	Hungary	432



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

---

```
select year, count(medal) as medal_count from olympics
where medal <> 'NoMedal' and team = 'United States'
group by year
order by medal_count desc
limit 1;
```

	year	medal_count
▶	1984	359

# Q9. In which sports United States has most medals

---

```
select sport, count(medal) as medal_count from olympics
where team = 'United States' and medal <> 'NoMedal'
group by sport
order by medal_count desc
limit 1;
```

	sport	medal_count
▶	Athletics	1071

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

---

```
select name, sport, team, count(medal) as medal_count
from olympics
where medal <> 'NoMedal'
group by name
order by medal_count desc
limit 3;
```

	name	sport	team	medal_count
▶	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.

---

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

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

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

---

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

	name	sport	team	medal_count
►	Teresa Edwards	Basketball	United States	5

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

---

```
select name, medal, count(medal) as medal_count
from olympics
where name='Teresa Edwards' and medal<>'NoMedal'
group by medal
order by medal_count desc;
```

	name	medal	medal_count
►	Teresa Edwards	Gold	4
	Teresa Edwards	Bronze	1

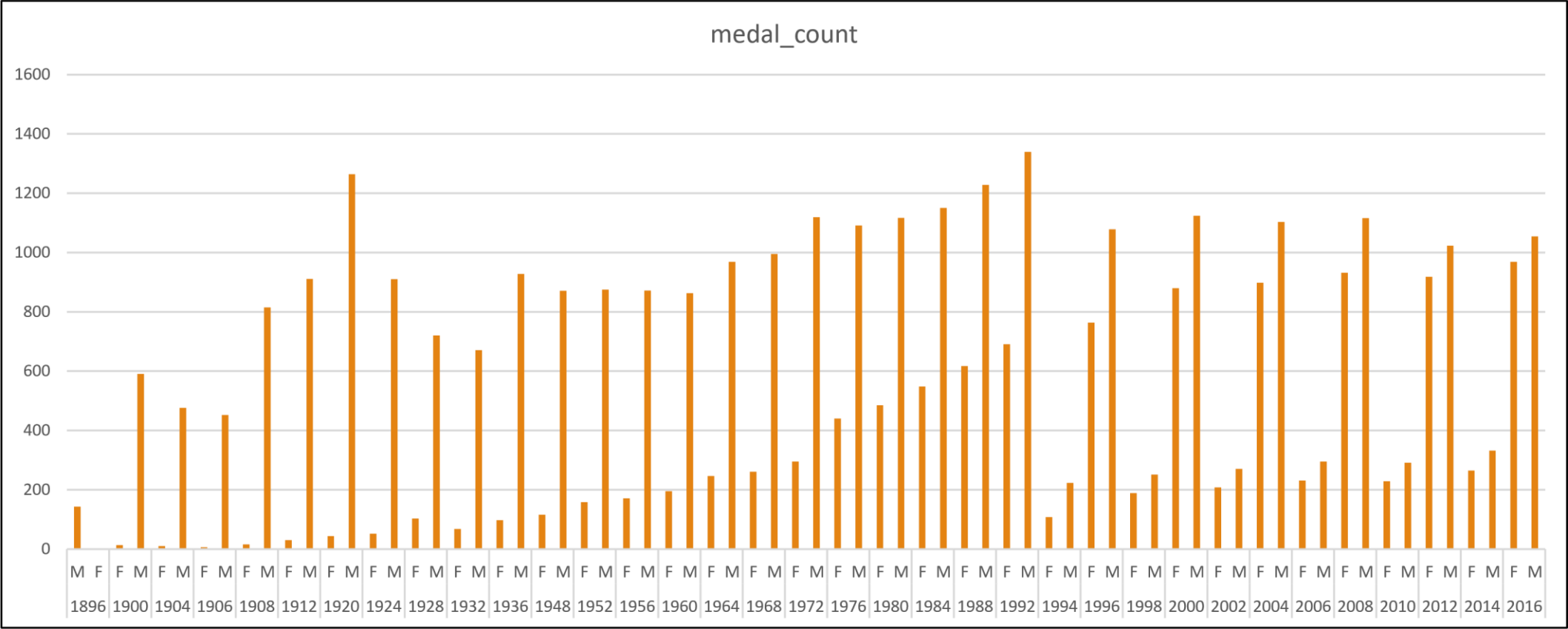
Q14. Find out medals won by male, female each year. Export this data and plot graph in excel.

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```
select year, sex, count(medal) as medal_count
from olympics
where medal <> 'NoMedal'
group by year, sex
order by year asc;
```

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

# Q14. Graph for male vs female medals





# Thank you

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