1. **What country scored the most points:**

*1.1 Overall, i.e., In all olympic games (top 3)*

SELECT noc,

SUM(medal\_score) AS total\_points

FROM analytics.olympic\_points

GROUP BY noc

ORDER BY total\_points DESC

LIMIT 3;

*1.2 in each of the last 5 Olympic Games*

WITH ranked\_points AS (

SELECT noc,

year,

SUM(medal\_score) AS total\_points,

ROW\_NUMBER() OVER (PARTITION BY year ORDER BY SUM(medal\_score) DESC) AS ranking

FROM analytics.olympic\_points

GROUP BY noc, year

)

SELECT noc,

year,

total\_points

FROM ranked\_points

WHERE ranking = 1

ORDER BY year DESC

LIMIT 5;

1. **What country has take the most gold medals:**

*2.1 Overall, i.e., In all olympic games (top 3)*

SELECT noc,

COUNT(medal\_score > 2) AS gold\_medals

FROM analytics.olympic\_points

GROUP BY noc

ORDER BY gold\_medals DESC

LIMIT 3;

*2.2 In each of the last 5 Olympic Games*

***SELECT*** *noc* ***AS*** *noc,*

*count(medal\_score)* ***AS*** *"COUNT(medal\_score)"*

***FROM*** *analytics.olympic\_points*

***WHERE*** *medal\_score = 3*

***AND******year*** *>= 2012*

***GROUP******BY*** *noc*

***ORDER******BY*** *"COUNT(medal\_score)"* ***DESC***

*LIMIT 3;*

1. **What teams have won the most medals (all medals):**

*3.1 Overall (top 3)*

SELECT team,

COUNT(medal\_score) AS total\_num\_medals

FROM analytics.olympic\_points

WHERE medal\_score >= 1

GROUP BY team

ORDER BY total\_num\_medals DESC

LIMIT 3;

*3.2 In each the last 5 Olympic games*

WITH ranked\_num\_medals AS (

SELECT team,

year,

COUNT(medal\_score) AS total\_num\_medals,

ROW\_NUMBER() OVER (PARTITION BY year ORDER BY COUNT(medal\_score) DESC) AS ranking

FROM analytics.olympic\_points

WHERE medal\_score >= 1

GROUP BY team, year

)

SELECT team,

year,

total\_num\_medals

FROM ranked\_num\_medals

WHERE ranking = 1

ORDER BY year DESC

LIMIT 5;

1. **What athletes have won the most medals? (top 10)**

SELECT name AS athlete\_name,

COUNT(medal\_score) AS total\_num\_medals

FROM analytics.olympic\_points

WHERE medal\_score >= 1

GROUP BY name

ORDER BY total\_num\_medals DESC

LIMIT 10;