QUESTION 1.

How many countries have played in the world cup (5 years)

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

)

SELECT COUNT(Team) AS total\_appearance

FROM big\_table

QUESTION 2.

Get the total games played, win, loss, goals for/against

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

)

SELECT SUM(Games\_Played) AS Total\_games\_played

FROM big\_table

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

)

SELECT SUM(Win) AS Total\_win

FROM big\_table

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

)

SELECT SUM(Loss) AS Total\_loss

FROM big\_table

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

)

SELECT SUM(Goals\_For) AS Total\_goals\_for

FROM big\_table

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

)

SELECT SUM(Goals\_Against) AS Total\_goals\_against

FROM big\_table

QUESTION 3.

The country with the highest and lowest appearance in the last 5 years

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

),

big\_table\_2 AS (SELECT Team,COUNT(Team) AS Total\_appearance FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2

WHERE Total\_appearance=(SELECT MAX(Total\_appearance) FROM big\_table\_2);

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

),

big\_table\_2 AS (SELECT Team,COUNT(Team) AS Total\_appearance FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2

WHERE Total\_appearance=(SELECT MIN(Total\_appearance) FROM big\_table\_2);

4. The country with the highest and lowest games played

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Games\_Played) AS Total\_games\_played FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2

WHERE Total\_games\_played=(SELECT MAX(Total\_games\_played) FROM big\_table\_2);

WITH big\_table AS (SELECT \* FROM `FIFA.FIFA\_2002` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2006` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2010` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2014` UNION ALL

SELECT \* FROM `FIFA.FIFA\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Games\_Played) AS Total\_games\_played FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2

WHERE Total\_games\_played=(SELECT MIN(Total\_games\_played) FROM big\_table\_2);

5. The country with the highest and lowest games won

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Win) AS Total\_win FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_win=(SELECT MAX(Total\_win) FROM big\_table\_2)

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Win) AS Total\_win FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_win=(SELECT MIN(Total\_win) FROM big\_table\_2)

6. The country with the highest and lowest games lost

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Loss) AS Total\_loss FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_loss=(SELECT MAX(Total\_loss) FROM big\_table\_2)

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Loss) AS Total\_loss FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_loss=(SELECT MIN(Total\_loss) FROM big\_table\_2)

7. The country with the highest and lowest goals for

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Goals\_For) AS Total\_Goals\_For FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Goals\_For=(SELECT MAX(Total\_Goals\_For) FROM big\_table\_2)

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Goals\_For) AS Total\_Goals\_For FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Goals\_For=(SELECT MIN(Total\_Goals\_For) FROM big\_table\_2)

8.The country with the highest and lowest goals against

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Goals\_Against) AS Total\_Goals\_Against FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Goals\_Against=(SELECT MAX(Total\_Goals\_Against) FROM big\_table\_2)

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Goals\_Against) AS Total\_Goals\_Against FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Goals\_Against=(SELECT MIN(Total\_Goals\_Against) FROM big\_table\_2)

9. The country with the highest and lowest goals difference

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Goal\_Difference) AS Total\_Goal\_Difference FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Goal\_Difference=(SELECT MAX(Total\_Goal\_Difference) FROM big\_table\_2)

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Goal\_Difference) AS Total\_Goal\_Difference FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Goal\_Difference=(SELECT MIN(Total\_Goal\_Difference) FROM big\_table\_2)

10. The country with the highest and lowest points

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Points) AS Total\_Points FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Points=(SELECT MAX(Total\_Points) FROM big\_table\_2)

WITH big\_table AS (SELECT \* FROM `FIFA.fifa\_2002` UNION ALL

SELECT \* FROM `FIFA.fifa\_2006` UNION ALL

SELECT \* FROM `FIFA.fifa\_2010` UNION ALL

SELECT \* FROM `FIFA.fifa\_2014` UNION ALL

SELECT \* FROM `FIFA.fifa\_2018`

),

big\_table\_2 AS (SELECT Team,SUM(Points) AS Total\_Points FROM big\_table

GROUP BY 1)

SELECT \* FROM big\_table\_2 WHERE

Total\_Points=(SELECT MIN(Total\_Points) FROM big\_table\_2)