**1) Total Seats**

SELECT DISTINCT COUNT(Parliament\_Constituency) from constituencywise\_results;



**2)What is the toal number of seats available for electins in each state.**

SELECT

s.State AS State\_name,

COUNT(cr.Parliament\_Constituency) AS sum\_seats

FROM

constituencywise\_results cr

INNER JOIN

statewise\_results sr ON cr.Parliament\_Constituency = sr.Parliament\_Constituency

INNER JOIN

states s ON sr.State\_ID = s.State\_id

GROUP BY

s.State

ORDER BY

s.State

SELECT

'Total' AS State\_name,

COUNT(cr.Parliament\_Constituency) AS sum\_seats

FROM

constituencywise\_results cr;

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**3)total seats won by NDA alince**

SELECT

SUM( CASE

WHEN party IN (

'Bharatiya Janata Party - BJP',

'Asom Gana Parishad - AGP',

'Telugu Desam - TDP',

'Janata Dal (United) - JD(U)',

'Shiv Sena - SHS',

'AJSU Party - AJSUP',

'Apna Dal (Soneylal) - ADAL',

'Hindustani Awam Morcha (Secular) - HAMS',

'Janasena Party - JnP',

'Janata Dal (Secular) - JD(S)',

'Lok Janshakti Party(Ram Vilas) - LJPRV',

'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM'

) THEN Won

ELSE 0 END

) AS NDA\_Total\_Seats\_Won

FROM partywise\_results;

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**4)seats won by nda aliance parties**

select

party as Party\_Name,

Won as Seats\_Won

from partywise\_results

where

party in(

'Bharatiya Janata Party - BJP',

'Asom Gana Parishad - AGP',

'Telugu Desam - TDP',

'Janata Dal (United) - JD(U)',

'Shiv Sena - SHS',

'AJSU Party - AJSUP',

'Apna Dal (Soneylal) - ADAL',

'Hindustani Awam Morcha (Secular) - HAMS',

'Janasena Party - JnP',

'Janata Dal (Secular) - JD(S)',

'Lok Janshakti Party(Ram Vilas) - LJPRV',

'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM'

)

order by Seats\_won DESC

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**4)seats won by I.N.D.I.A aliance**

SELECT

SUM( CASE

WHEN party IN (

'Aam Aadmi Party - AAAP',

'All India Trinamool Congress - AITC',

'Communist Party of India - CPI',

'Communist Party of India (Marxist-Leninist) (Liberation) - CPI(ML)(L)',

'Communist Party of India (Marxist) - CPI(M)',

'Dravida Munnetra Kazhagam - DMK',

'Indian National Congress - INC',

'Indian Union Muslim League - IUML',

'Jammu & Kashmir National Conference - JKN',

'Jharkhand Mukti Morcha - JMM',

'Kerala Congress - KEC',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

'Rashtriya Janata Dal - RJD',

'Revolutionary Socialist Party - RSP',

'Samajwadi Party - SP',

'Viduthalai Chiruthaigal Katchi - VCK',

'Rashtriya Loktantrik Party - RLTP',

'Bharat Adivasi Party - BHRTADVSIP',

'Nationalist Congress Party Sharadchandra Pawar - Ncpsp',

'Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT'

) THEN Won

ELSE 0

END

) AS NDA\_Total\_Seats\_Won

FROM

partywise\_results;

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**5)seats won by I.N.D.I.A. Alliance Parties**

SELECT

party,

won from partywise\_results

WHERE party IN (

'Aam Aadmi Party - AAAP',

'All India Trinamool Congress - AITC',

'Communist Party of India - CPI',

'Communist Party of India (Marxist-Leninist) (Liberation) - CPI(ML)(L)',

'Communist Party of India (Marxist) - CPI(M)',

'Dravida Munnetra Kazhagam - DMK',

'Indian National Congress - INC',

'Indian Union Muslim League - IUML',

'Jammu & Kashmir National Conference - JKN',

'Jharkhand Mukti Morcha - JMM',

'Kerala Congress - KEC',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

'Rashtriya Janata Dal - RJD',

'Revolutionary Socialist Party - RSP',

'Samajwadi Party - SP',

'Viduthalai Chiruthaigal Katchi - VCK',

'Rashtriya Loktantrik Party - RLTP',

'Bharat Adivasi Party - BHRTADVSIP',

'Nationalist Congress Party Sharadchandra Pawar - Ncpsp',

'Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT'

)

A screenshot of a computer

Description automatically generated order by won DESC

**6)Add new column field in table partywise\_results to get the party allianz as NDA, I.N.D.I.A. and OTHER**

alter table partywise\_results add party\_alliance varchar(50) ;

update partywise\_results

set party\_alliance='I.N.D.I.A.'

WHERE party in (

'Aam Aadmi Party - AAAP',

'All India Trinamool Congress - AITC',

'Communist Party of India - CPI',

'Communist Party of India (Marxist-Leninist) (Liberation) - CPI(ML)(L)',

'Communist Party of India (Marxist) - CPI(M)',

'Dravida Munnetra Kazhagam - DMK',

'Indian National Congress - INC',

'Indian Union Muslim League - IUML',

'Jammu & Kashmir National Conference - JKN',

'Jharkhand Mukti Morcha - JMM',

'Kerala Congress - KEC',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

'Rashtriya Janata Dal - RJD',

'Revolutionary Socialist Party - RSP',

'Samajwadi Party - SP',

'Viduthalai Chiruthaigal Katchi - VCK',

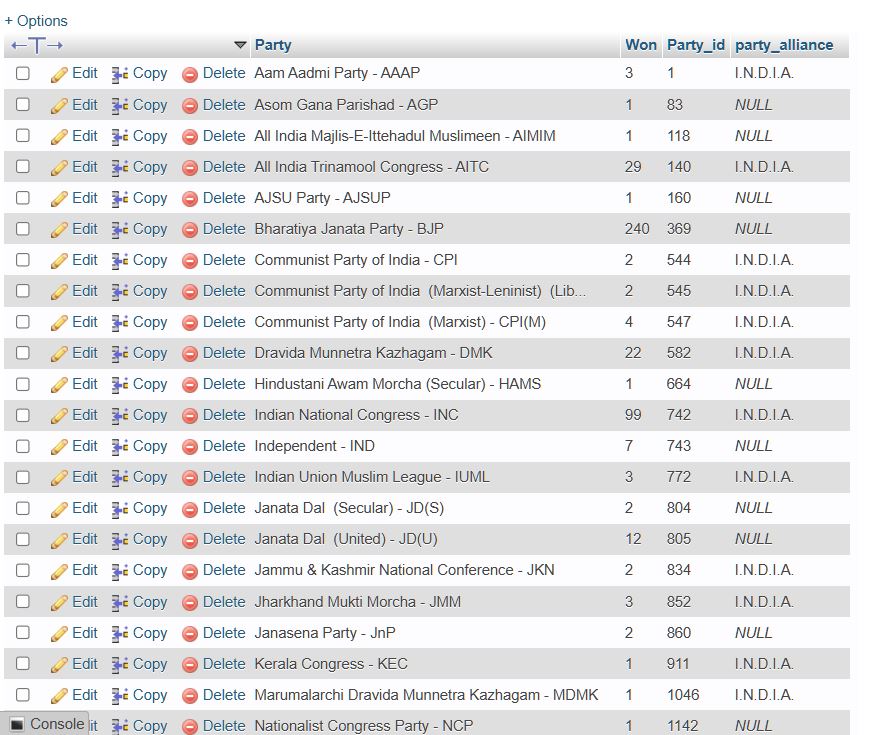
'Rashtriya Loktantrik Party - RLTP',

'Bharat Adivasi Party - BHRTADVSIP',

'Nationalist Congress Party Sharadchandra Pawar - Ncpsp',

'Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT'

)



# NDA

update partywise\_results

set party\_alliance='N.D.A'

WHERE party in (

'Bharatiya Janata Party - BJP',

'Asom Gana Parishad - AGP',

'Telugu Desam - TDP',

'Janata Dal (United) - JD(U)',

'Shiv Sena - SHS',

'AJSU Party - AJSUP',

'Apna Dal (Soneylal) - ADAL',

'Hindustani Awam Morcha (Secular) - HAMS',

'Janasena Party - JnP',

'Janata Dal (Secular) - JD(S)',

'Lok Janshakti Party(Ram Vilas) - LJPRV',

'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM'

)

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# OTHER

UPDATE partywise\_results set party\_alliance='OTHER ' where party\_alliance is null

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**7)Which party alliance (NDA, I.N.D.I.A, or OTHER) won the most seats across all states?**

SELECT

p.party\_alliance,

COUNT(cr.Constituency\_ID) AS Seats\_Won

FROM

constituencywise\_results cr

JOIN

partywise\_results p ON cr.Party\_ID = p.Party\_ID

WHERE

p.party\_alliance IN ('NDA', 'I.N.D.I.A', 'OTHER')

GROUP BY

p.party\_alliance

ORDER BY

Seats\_Won DESC;

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**8)Winning candidate's name, their party name, total votes, and the margin of victory for a specific state and constituency?**

SELECT cr.Winning\_Candidate, p.Party, p.party\_alliance, cr.Total\_Votes, cr.Margin, cr.Constituency\_Name, s.State

FROM constituencywise\_results cr

JOIN partywise\_results p ON cr.Party\_ID = p.Party\_ID

JOIN statewise\_results sr ON cr.Parliament\_Constituency = sr.Parliament\_Constituency

JOIN states s ON sr.State\_ID = s.State\_ID

WHERE s.State = 'GUJARAT' AND cr.Constituency\_Name = 'RAJKOT';



**9)What is the distribution of EVM votes versus postal votes for candidates in a specific constituency?**

SELECT

cd.Candidate,

cd.Party,

cd.EVM\_Votes,

cd.Postal\_Votes,

cd.Total\_Votes,

cr.Constituency\_Name

FROM

constituencywise\_details cd

JOIN

constituencywise\_results cr ON cd.Constituency\_ID = cr.Constituency\_ID

WHERE

cr.Constituency\_Name = 'RAJKOT'

ORDER BY cd.Total\_Votes DESC;

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**10) Which parties won the most seats in s State, and how many seats did each party win?**

SELECT

p.Party,

SUM(p.won) AS Seats\_Won

FROM

constituencywise\_results cr

JOIN

partywise\_results p ON cr.Party\_ID = p.Party\_ID

JOIN

statewise\_results sr ON cr.Parliament\_Constituency = sr.Parliament\_Constituency

JOIN states s ON sr.State\_ID = s.State\_ID

WHERE

s.state = 'GUJARAT'

GROUP BY

p.Party

ORDER BY

Seats\_Won DESC;

A close-up of a message

Description automatically generated

**11)what is the total number of seats won by each party alliance (NDA, I.N.D.I.A, AND OTHER) in each state for the india elections 2024**

SELECT

s.State AS State\_Name,

SUM(CASE WHEN pr.party\_alliance = 'N.D.A' THEN 1 ELSE 0 END) AS NDA\_Seats\_Won,

SUM(CASE WHEN pr.party\_alliance = 'I.N.D.I.A.' THEN 1 ELSE 0 END) AS INDIA\_Seats\_Won,

SUM(CASE WHEN pr.party\_alliance = 'OTHER' THEN 1 ELSE 0 END) AS OTHER\_Seats\_Won

FROM

constituencywise\_results cr

JOIN

partywise\_results pr ON cr.Party\_ID = pr.Party\_ID

JOIN

statewise\_results sr ON cr.Parliament\_Constituency = sr.Parliament\_Constituency

JOIN

states s ON sr.State\_ID = s.State\_ID

GROUP BY

s.State

A table with numbers and names

Description automatically generated

**12)which candidate received the highest number of EVM votes in each constituency(Top 10)?**

SELECT

cr.Constituency\_Name,

cd.Constituency\_ID,

cd.Candidate,

cd.EVM\_Votes

FROM

constituencywise\_details cd

JOIN

constituencywise\_results cr ON cd.Constituency\_ID = cr.Constituency\_ID

WHERE

cd.EVM\_Votes = (

SELECT MAX(cd1.EVM\_Votes)

FROM constituencywise\_details cd1

WHERE cd1.Constituency\_ID = cd.Constituency\_ID

)

ORDER BY

cd.EVM\_Votes DESC

LIMIT 10;

A screenshot of a computer

Description automatically generated

**13)which candidate won and which candidate was the runner-up in each consituency of state for the 2024 elecatons?**

WITH RankedCandidates AS (

SELECT

cd.Constituency\_ID,

cd.Candidate,

cd.Party,

cd.EVM\_Votes,

cd.Postal\_Votes,

cd.EVM\_Votes + cd.Postal\_Votes AS Total\_Votes,

ROW\_NUMBER() OVER (PARTITION BY cd.Constituency\_ID ORDER BY cd.EVM\_Votes + cd.Postal\_Votes DESC) AS VoteRank

FROM

constituencywise\_details cd

JOIN

constituencywise\_results cr ON cd.Constituency\_ID = cr.Constituency\_ID

JOIN

statewise\_results sr ON cr.Parliament\_Constituency = sr.Parliament\_Constituency

JOIN

states s ON sr.State\_ID = s.State\_ID

WHERE s.State = 'Maharashtra'

)

SELECT

cr.Constituency\_Name,

MAX(CASE WHEN rc.VoteRank = 1 THEN rc.Candidate END) AS Winning\_Candidate,

MAX(CASE WHEN rc.VoteRank = 2 THEN rc.Candidate END) AS Runnerup\_Candidate

FROM

RankedCandidates rc

JOIN

constituencywise\_results cr ON rc.Constituency\_ID = cr.Constituency\_ID

GROUP BY

cr.Constituency\_Name

ORDER BY

cr.Constituency\_Name;

A table with a list of names

Description automatically generated

**14)for the state of Gujarat, what are the total number of seats,total number of candidatetotal number of parties, total votes(Including EVM and postal),and the breakdown of EVM and postal votes?**

SELECT

COUNT(DISTINCT cr.Constituency\_ID) AS Total\_Seats,

COUNT(DISTINCT cd.Candidate) AS Total\_Candidates,

COUNT(DISTINCT p.Party) AS Total\_Parties,

SUM(cd.EVM\_Votes + cd.Postal\_Votes) AS Total\_Votes,

SUM(cd.EVM\_Votes) AS Total\_EVM\_Votes,

SUM(cd.Postal\_Votes) AS Total\_Postal\_Votes

FROM

constituencywise\_results cr

JOIN

constituencywise\_details cd ON cr.Constituency\_ID = cd.Constituency\_ID

JOIN

statewise\_results sr ON cr.Parliament\_Constituency = sr.Parliament\_Constituency

JOIN

states s ON sr.State\_ID = s.State\_ID

JOIN

partywise\_results p ON cr.Party\_ID = p.Party\_ID

WHERE

s.State = 'Gujarat';

