 INDIAN GENERAL ELECTIONS RESULT ANALYSIS 2024

1. **Total Seats?**

select DISTINCT COUNT(PARLIAMENT\_CONSTITUENCY) AS Total\_Seats

from constituencywise\_results;

**O/P:**

1. **What is the total number of seats available for elections in each state ?**

SELECT

s.STATE AS State\_name,

COUNT(DISTINCT cr.PARLIAMENT\_CONSTITUENCY) AS Total\_Seats

FROM constituencywise\_results cr

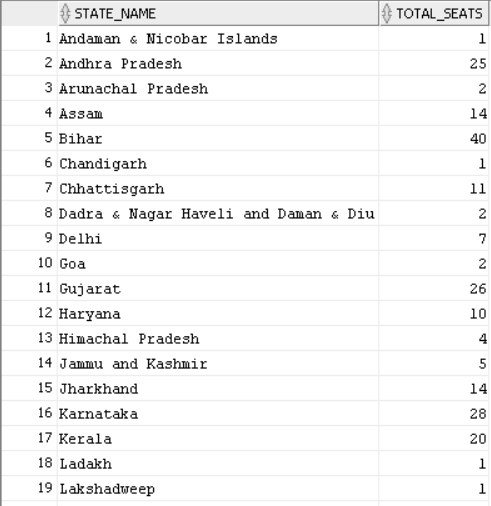
INNER JOIN statewise\_results sr

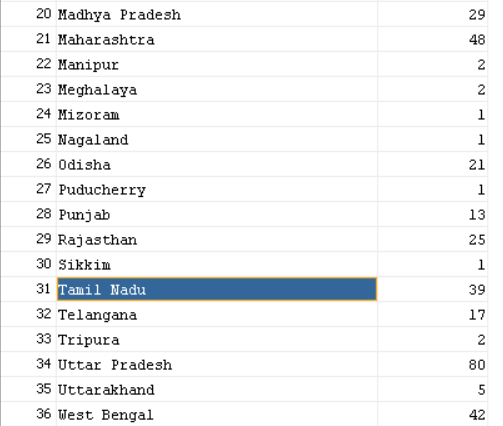
ON cr.PARLIAMENT\_CONSTITUENCY = sr.PARLIAMENT\_CONSTITUENCY

INNER JOIN states s

ON sr.state\_id = s.state\_id

GROUP BY s.STATE

ORDER BY STATE\_NAME;



1. **Total Seats Won by NDA Allianz ?**

Select

Sum( CASE

WHEN PARTY IN('Bharatiya Janata Party - BJP',

'Telugu Desam - TDP',

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

'Shiv Sena - SHS',

'AJSU Party - AJSUP',

'Apna Dal (Soneylal) - ADAL',

'Asom Gana Parishad - AGP',

'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;



1. **Seats Won by NDA Allianz Parties?**

select

PARTY AS Party\_Name,

WON as Seats\_Won

from partywise\_results

where PARTY IN(

'Bharatiya Janata Party - BJP',

'Telugu Desam - TDP',

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

'Shiv Sena - SHS',

'AJSU Party - AJSUP',

'Apna Dal (Soneylal) - ADAL',

'Asom Gana Parishad - AGP',

'Hindustani Awam Morcha (Secular) - HAMS',

'Janasena Party - JnP',

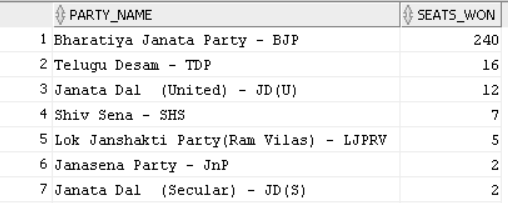
'Janata Dal (Secular) - JD(S)',

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

'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM')

 order by seats\_won DESC;

1. **Total Seats Won by I.N.D.I.A. Allianz?**

SELECT

SUM(CASE

WHEN PARTY IN( 'Indian National Congress - INC',

'Aam Aadmi Party - AAAP',

'All India Trinamool Congress - AITC',

'Bharat Adivasi Party - BHRTADVSIP',

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

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

'Communist Party of India - CPI',

'Dravida Munnetra Kazhagam - DMK',

'Indian Union Muslim League - IUML',

'Jharkhand Mukti Morcha - JMM',

'Jammu & Kashmir National Conference - JKN',

'Kerala Congress - KEC',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

'Nationalist Congress Party Sharadchandra Pawar - NCPSP',

'Rashtriya Janata Dal - RJD',

'Rashtriya Loktantrik Party - RLTP',

'Revolutionary Socialist Party - RSP',

'Samajwadi Party - SP',

'Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT',

'Viduthalai Chiruthaigal Katchi - VCK'

) THEN "WON"

ELSE 0

END) AS INDIA\_Total\_Seats\_Won

From

Partywise\_results;



1. **Seats Won by I.N.D.I.A. Allianz Parties**

select

PARTY AS Party\_Name,

WON AS Total\_seats\_won

from Partywise\_results

WHERE PARTY IN ('Indian National Congress - INC',

'Aam Aadmi Party - AAAP',

'All India Trinamool Congress - AITC',

'Bharat Adivasi Party - BHRTADVSIP',

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

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

'Communist Party of India - CPI',

'Dravida Munnetra Kazhagam - DMK',

'Indian Union Muslim League - IUML',

'Jammu & Kashmir National Conference - JKN',

'Jharkhand Mukti Morcha - JMM',

'Kerala Congress - KEC',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

'Nationalist Congress Party Sharadchandra Pawar - NCPSP',

'Rashtriya Janata Dal - RJD',

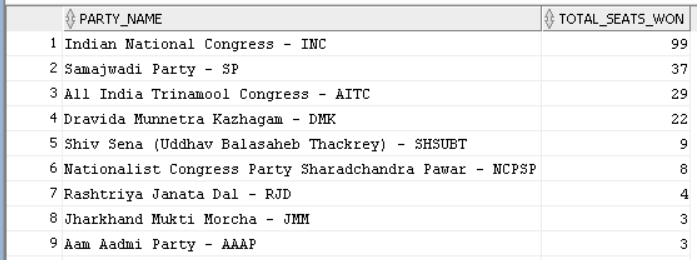
'Rashtriya Loktantrik Party - RLTP',

'Revolutionary Socialist Party - RSP',

'Samajwadi Party - SP',

'Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT',

'Viduthalai Chiruthaigal Katchi - VCK')

ORDER BY WON DESC;



1. **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);

--- NDA Allianz ---

UPDATE partywise\_results SET PARTY\_ALLIANCE = 'NDA' WHERE PARTY IN ('Bharatiya Janata Party - BJP',

'Telugu Desam - TDP',

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

'Shiv Sena - SHS',

'AJSU Party - AJSUP',

'Apna Dal (Soneylal) - ADAL',

'Asom Gana Parishad - AGP',

'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'

);

---- I.N.D.I.A Allianz ----

UPDATE partywise\_results SET party\_alliance = 'I.N.D.I.A'

WHERE PARTY IN ('Indian National Congress - INC',

'Aam Aadmi Party - AAAP',

'All India Trinamool Congress - AITC',

'Bharat Adivasi Party - BHRTADVSIP',

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

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

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'Revolutionary Socialist Party - RSP',

'Samajwadi Party - SP',

'Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT',

'Viduthalai Chiruthaigal Katchi - VCK');

select \* from partywise\_results;

UPDATE partywise\_results SET party\_alliance = 'OTHERS' WHERE party\_alliance IS NULL;

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

SELECT

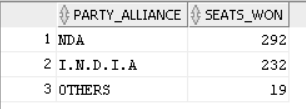
party\_alliance,

SUM(WON) AS SEATS\_WON

from partywise\_results

GROUP BY party\_alliance

ORDER BY SEATS\_WON DESC;



1. **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 cr.Constituency\_Name = 'COIMBATORE';



1. **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

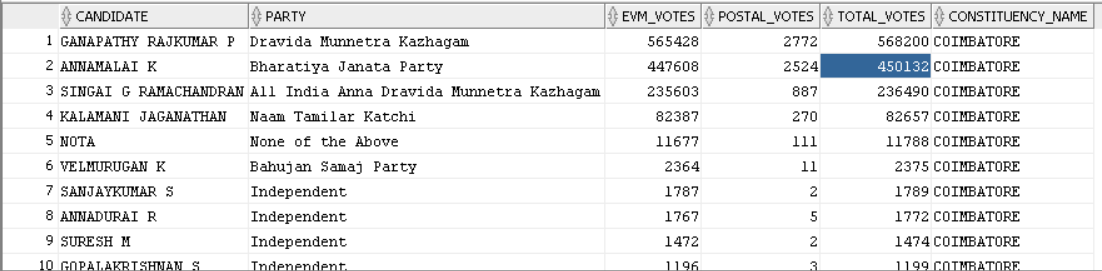
JOIN

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

WHERE

cr.Constituency\_Name = 'COIMBATORE'

ORDER BY cd.Total\_Votes DESC;



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

SELECT

p.Party,

COUNT(cr.Constituency\_ID) 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

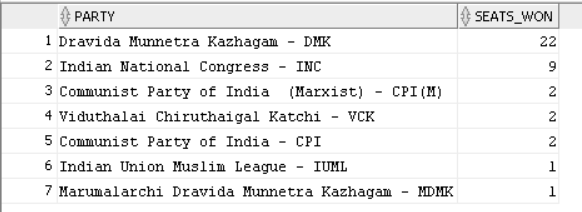
s.state = 'Tamil Nadu'

GROUP BY

p.Party

ORDER BY

Seats\_Won DESC;



1. **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 p.party\_alliance = 'NDA' THEN 1 ELSE 0 END) AS NDA\_Seats\_Won,

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

SUM(CASE WHEN p.party\_alliance = 'OTHER' THEN 1 ELSE 0 END) AS OTHER\_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

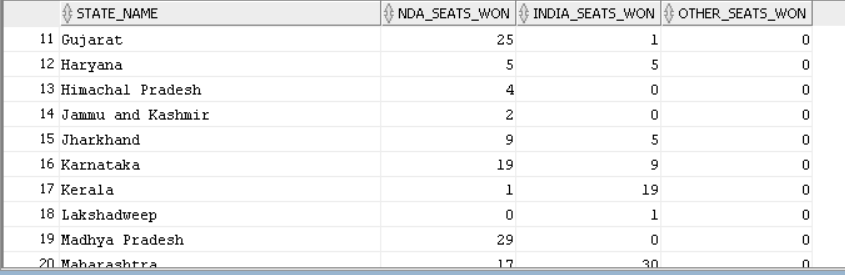
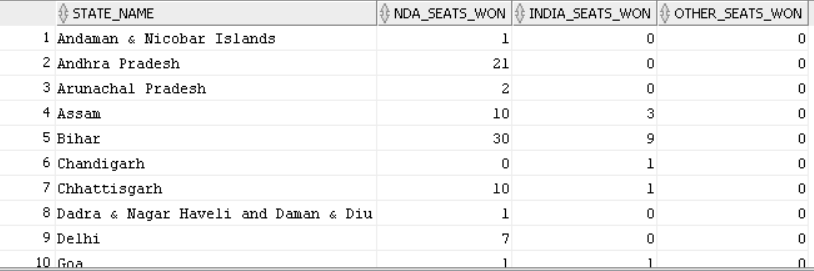
WHERE

p.party\_alliance IN ('NDA', 'I.N.D.I.A', 'OTHER') -- Filter for NDA and INDIA alliances

GROUP BY

s.State

ORDER BY

 s.State;

1. **Which candidate received the highest number of EVM votes in each constituency (Top 10)?**

select

cd.CANDIDATE,

cr.CONSTITUENCY\_NAME,

cd.PARTY,

cd.EVM\_VOTES

from constituencywise\_details cd INNER JOIN constituencywise\_results cr ON cd.CONSTITUENCY\_ID = cr.CONSTITUENCY\_ID

WHERE cd.EVM\_VOTES=(select MAX(cd.EVM\_VOTES) from constituencywise\_details cd where cd.CONSTITUENCY\_ID = cr.CONSTITUENCY\_ID)

ORDER BY EVM\_VOTES DESC

FETCH FIRST 10 ROWS ONLY;

1. **Which candidate won and which candidate was the runner-up in each constituency of State for the 2024 elections?**

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 = 'Tamil Nadu'

)

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

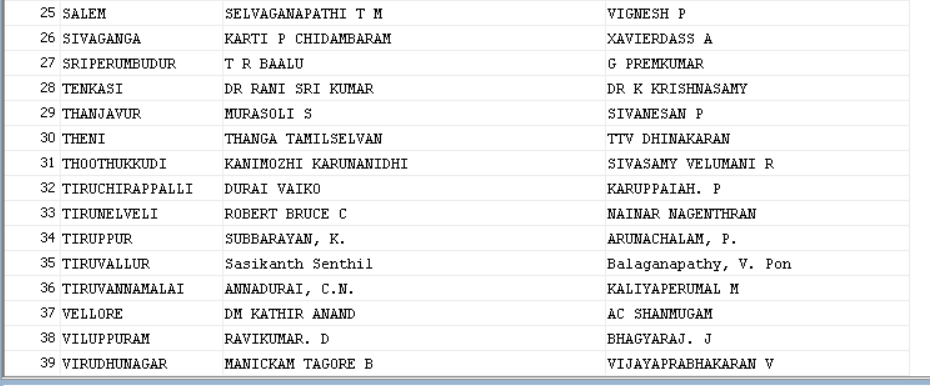
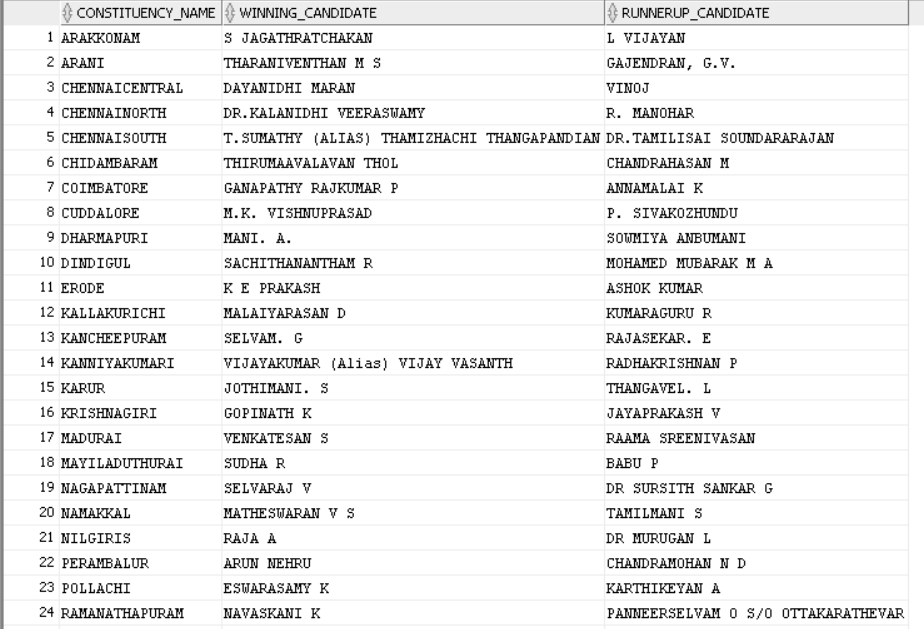
JOIN

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

GROUP BY

cr.Constituency\_Name

ORDER BY

 cr.Constituency\_Name;