**INDIA GENERAL ELECTIONS RESULT ANALYSIS 2024**

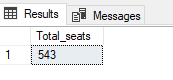
**PROBLEM STATEMENTS**

**1)Total Seats**

select

DISTINCT COUNT(parliament\_constituency) as Total\_seats

from constituencywise\_results

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**2) What is the total number of seats available for elections in each state**

SELECT

s.state as State\_name,

COUNT(cr.parliament\_constituency) as Total\_Seats

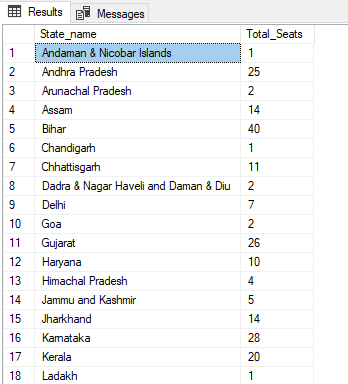
FROM

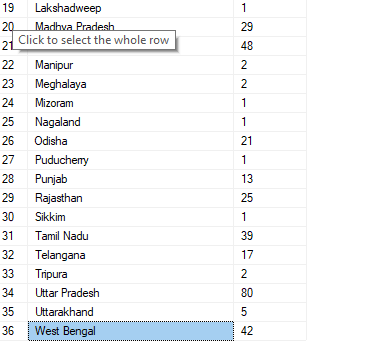
constituencywise\_results cr

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

****

****

**3) 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',

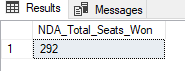
'Sikkim Krantikari Morcha - SKM'

) THEN [Won]

ELSE 0

END) AS NDA\_Total\_Seats\_Won

FROM partywise\_results



**4) 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',

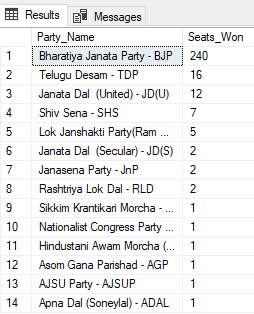
'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM'

)

ORDER BY Seats\_Won DESC



**5) 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',

'Nat`Jammu & Kashmir National Conference - JKN',

'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'

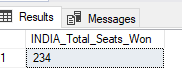
) THEN [Won]

ELSE 0

END) AS INDIA\_Total\_Seats\_Won

FROM

partywise\_results



**6)Seats Won by I.N.D.I.A. Allianz Parties**

SELECT

    party as Party\_Name,

    won as 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',

                'Nat`Jammu & Kashmir National Conference - JKN',

                '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',

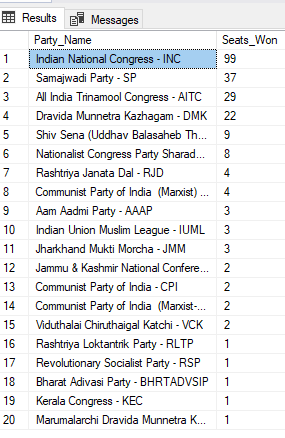
                'Samajwadi Party - SP',

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

                'Viduthalai Chiruthaigal Katchi - VCK'

    )

ORDER BY Seats\_Won DESC



**7) 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);

**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)',

    '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'

);

**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'

);

**OTHER**

UPDATE partywise\_results

SET party\_alliance = 'OTHER'

WHERE party\_alliance IS NULL;

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

SELECT

party\_alliance,

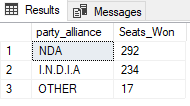
sum(Won) AS Seats\_Won

FROM

partywise\_results

GROUP BY

party\_alliance



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

select

cr.winning\_candidate,

pr.party,

cr.total\_votes,

cr.margin,

s.state,

cr.constituency\_name

from

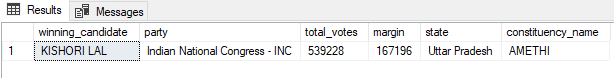
constituencywise\_results cr

inner join partywise\_results pr on cr.Party\_ID=pr.Party\_ID

inner join statewise\_results sr on cr.Parliament\_Constituency = sr.Parliament\_Constituency

inner join states s on sr.State\_ID = s.State\_ID

WHERE s.State = 'Uttar Pradesh' AND cr.Constituency\_Name = 'AMETHI';



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

SELECT

cd.EVM\_Votes,

cd.postal\_votes,

cd.total\_votes,

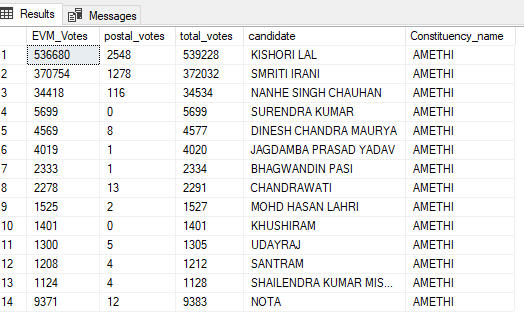
cd.candidate,

cr.Constituency\_name

from constituencywise\_results cr join constituencywise\_details cd

on cr.Constituency\_ID = cd. Constituency\_ID

where cr.Constituency\_Name='AMETHI’



11) **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

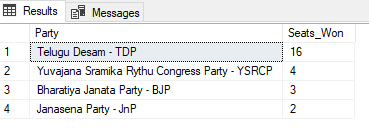
    s.state = 'Andhra Pradesh'

GROUP BY

    p.Party

ORDER BY

    Seats\_Won DESC;



12) **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

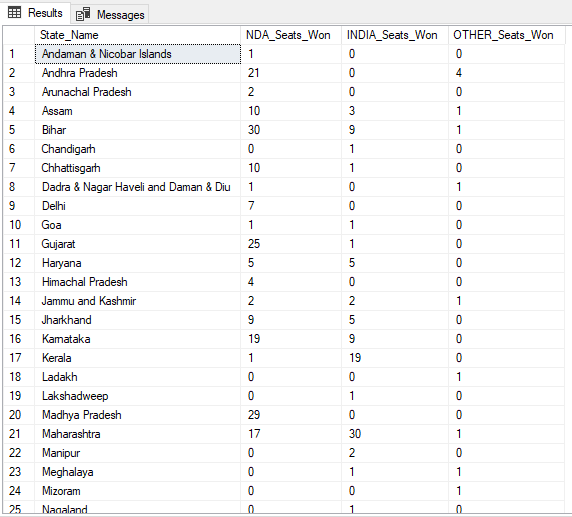
    p.party\_alliance IN ('NDA', 'I.N.D.I.A',  'OTHER')  -- Filter for NDA and INDIA alliances

GROUP BY

    s.State

ORDER BY

    s.State;



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

SELECT TOP 10

    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)

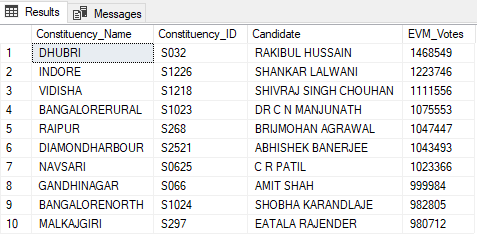
        FROM constituencywise\_details cd1

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

    )

ORDER BY

    cd.EVM\_Votes DESC;



14) **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 = '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;

15) **For the state of Maharashtra, what are the total number of seats, total number of candidates, total 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 = 'Maharashtra';

