**Select All Data from Database**

select \* from dbo.statewise\_results;

select \* from dbo.partywise\_results;

select \* from dbo.constituencywise\_results;

select \* from dbo.state;

select \* from dbo.constituencywise\_details;

Task 1) Total Seats

select distinct count(Parliament\_Constituency)

from dbo.constituencywise\_results;



Task 3) What is the total number of seats available for elections in each state

select s.state as State\_Name,

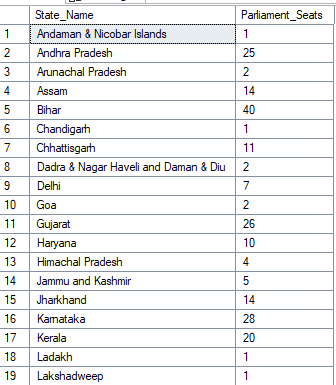
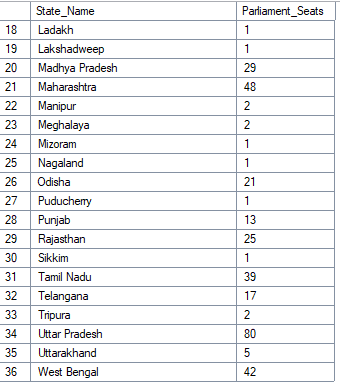
count(cr.Parliament\_constituency) as Parliament\_Seats

from dbo.constituencywise\_results cr

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

INNER JOIN dbo.state s ON sr.State\_ID = s.State\_ID

GROUP BY s.State ;



Task 4) 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',

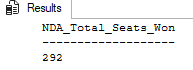
'Asom Gana Parishad - AGP',

'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

dbo.partywise\_results;

Task 5) Seats Won by NDA Allianz Parties

SELECT

party as Party\_Name,

won as Seats\_Won

FROM

dbo.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',

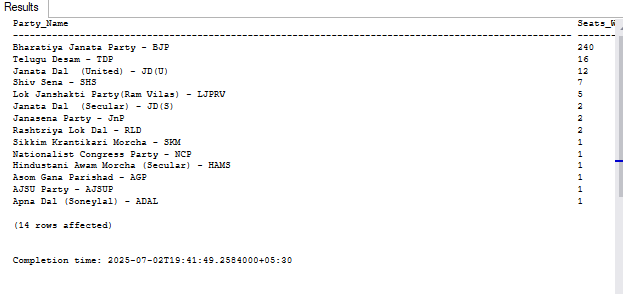
'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM'

)

ORDER BY Seats\_Won DESC;



Task 6) 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'

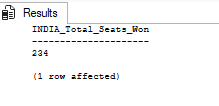
) THEN [Won]

ELSE 0

END) AS INDIA\_Total\_Seats\_Won

FROM

dbo.partywise\_results;



Task 7) Seats Won by I.N.D.I.A. Allianz Parties

SELECT

party as Party\_Name,

won as Seats\_Won

FROM

dbo.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',

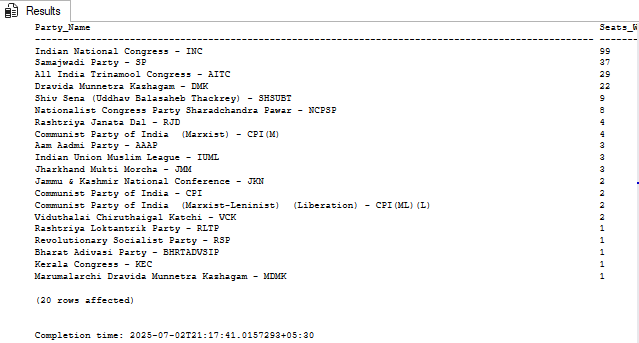
'Samajwadi Party - SP',

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

'Viduthalai Chiruthaigal Katchi - VCK'

)

ORDER BY Seats\_Won DESC;



Task 8) Add new column field in table party wise results to get the Party Allianz as NDA, I.N.D.I.A and OTHER

ADD new Column

alter table dbo.partywise\_results

Add Party\_Alliance varchar(50);

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

UPDATE dbo.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 dbo.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 dbo.partywise\_results

SET party\_alliance = 'NON\_Allianz'

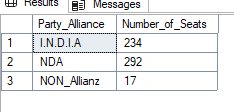
WHERE party\_alliance IS NULL;

Task 9) Which party alliance (NDA, I.N.D.I.A, or OTHER) won the most seats across all states?

select Party\_Alliance , Sum(Won) As Number\_of\_Seats

from dbo.partywise\_results

group by Party\_Alliance ;



Task 10) 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

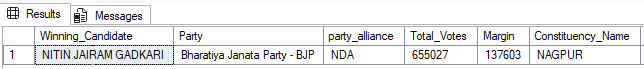
FROM dbo.constituencywise\_results cr

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

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

JOIN dbo.state s ON sr.State\_ID = s.State\_ID

WHERE s.State = 'Maharashtra' AND cr.Constituency\_Name = 'AHMEDNAGAR';



Task 11) What is the distribution of EVM votes versus postal votes for candidates in a specific constituency?

SELECT

cd.Candidate,

cd.Party,

cd.EVMVotes,

cd.PostalVotes,

cd.TotalVotes

FROM

dbo.constituencywise\_details cd

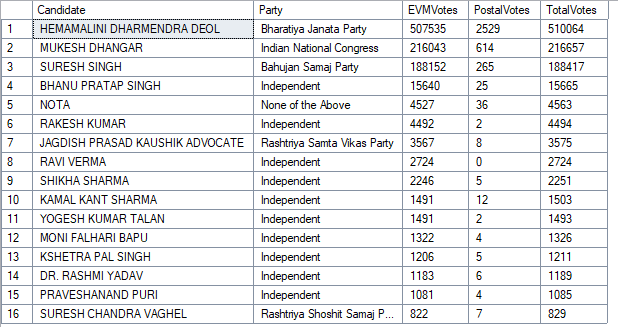
JOIN

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

WHERE

cr.Constituency\_Name = 'MATHURA'

ORDER BY cd.TotalVotes DESC;

****

Task 12) 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

dbo.constituencywise\_results cr

JOIN

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

JOIN

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

JOIN dbo.state s ON sr.State\_ID = s.State\_ID

WHERE

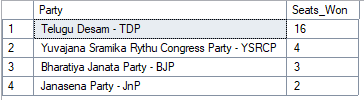
s.state = 'Andhra Pradesh'

GROUP BY

p.Party

ORDER BY

Seats\_Won DESC;

****

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

with SN as (

select s.State,

cr1.Constituency\_ID

FROM

dbo.constituencywise\_results cr1

JOIN

dbo.statewise\_results sr ON

cr1.Parliament\_Constituency = sr.Parliament\_Constituency

JOIN dbo.state s ON sr.State\_ID = s.State\_ID

)

select top 10

cr.Constituency\_Name,

cd.Candidate,

SN.State,

cd.Party,

cd.EVMVotes,

cr.Total\_Votes

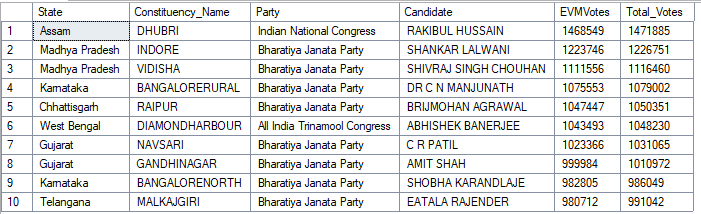
from dbo.constituencywise\_details cd

inner join dbo.constituencywise\_results cr

ON cd.ConstituencyID = cr.Constituency\_ID

inner join SN on cd.ConstituencyID = SN.Constituency\_ID

order by cd.EVMVotes DESC;

****

Task 14) 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.EVMVotes + cd.PostalVotes) AS Total\_Votes,

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

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

FROM

constituencywise\_results cr

JOIN

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

JOIN

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

JOIN

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

JOIN

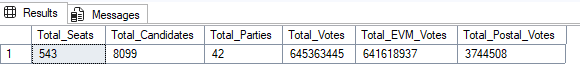
partywise\_results p ON cr.Party\_ID = p.Party\_ID

WHERE

s.State = 'Tamil Nadu';

Overall No. of Parties, No. of candidate participated,

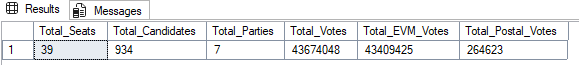
Total number of Votes cast including EVM And Postal Votes in Parliament Election 2024

****

Specific State – Tamil Nadu

No. of Parties, No. of candidate participated,

Total number of Votes cast including EVM And Postal Votes in Parliament Election 2024

****

Task 15) Which candidate won and which candidate was the runner-up in each constituency of State for the 2024 elections?

WITH RankedCandidates AS (

SELECT

cd.ConstituencyID,

cd.Candidate,

cd.Party,

cd.EVMVotes,

cd.PostalVotes,

cd.EVMVotes + cd.PostalVotes AS Total\_Votes,

ROW\_NUMBER()

OVER (PARTITION BY cd.ConstituencyID

ORDER BY cd.EVMVotes + cd.PostalVotes

DESC) AS VoteRank

FROM

dbo.constituencywise\_details cd

JOIN

dbo.constituencywise\_results cr

ON cd.ConstituencyID = cr.Constituency\_ID

JOIN

dbo.statewise\_results sr

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

JOIN

dbo.state 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

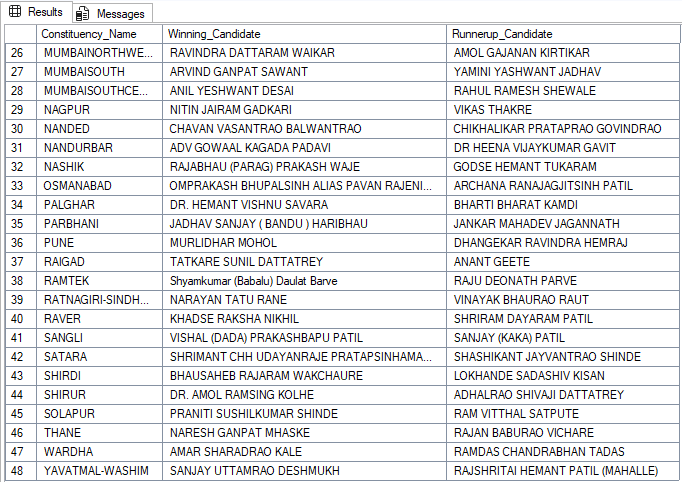
dbo.constituencywise\_results cr ON rc.ConstituencyID = cr.Constituency\_ID

GROUP BY

cr.Constituency\_Name

ORDER BY

cr.Constituency\_Name;

****

Task 16) Find Out Top 5 State: - Maximum no of candidate for Election

SELECT TOP 5

s.State,

COUNT(cd.Candidate) AS Total\_Candidates\_for\_Election

FROM

constituencywise\_results cr

JOIN

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

JOIN

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

JOIN

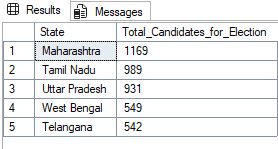
state s ON sr.State\_ID = s.State\_ID

JOIN

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

group by s.State

order by Total\_Candidates\_for\_Election DESC;

****