**INDIA GENERAL ELECTIONS RESULT ANALYSIS 2024**

DROP TABLE IF EXISTS constituencywise\_details;

CREATE TABLE constituencywise\_details

(

S\_N INT,

Candidate VARCHAR(100),

Party VARCHAR(100),

EVM\_Votes INT,

Postal\_Votes INT,

Total\_Votes INT,

of\_Votes FLOAT,

Constituency\_ID VARCHAR(50)

);

SELECT \* FROM constituencywise\_details

DROP TABLE IF EXISTS constituencywise\_results;

CREATE TABLE constituencywise\_results

(

S\_No INT,

Parliament\_Constituency VARCHAR(100) Primary Key,

Constituency\_Name VARCHAR(100),

Winning\_Candidate VARCHAR(150),

Total\_Votes INT,

Margin INT,

Constituency\_ID VARCHAR(50),

Party\_ID INT

);

SELECT \* FROM constituencywise\_results

DROP TABLE IF EXISTS partywise\_results;

CREATE TABLE partywise\_results

(

Party VARCHAR(150),

Won INT,

Party\_ID INT Primary Key

);

SELECT \* FROM partywise\_results

CREATE TABLE statewise\_results

(

Constituency VARCHAR(100),

Const\_No INT,

Parliament\_Constituency VARCHAR(100) Primary Key,

Leading\_Candidate VARCHAR(150),

Trailing\_Candidate VARCHAR(100) NULL,

Margin INT,

Status VARCHAR(100),

State\_ID VARCHAR(100),

State VARCHAR(100)

);

SELECT \* FROM statewise\_results

CREATE TABLE states

(

STATE\_ID VARCHAR(50) Primary Key,

State VARCHAR(50)

)

SELECT \* FROM states

--PROBLEM STATEMENT

--1. TOTAL SEATS

SELECT

DISTINCT COUNT(Parliament\_Constituency) as Total\_Seats

FROM constituencywise\_results



--2. WHAT ARE THE TOTAL NUMBER OF SEATS AVAILABLE FOR ELECTION 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 ALLIANCE

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'

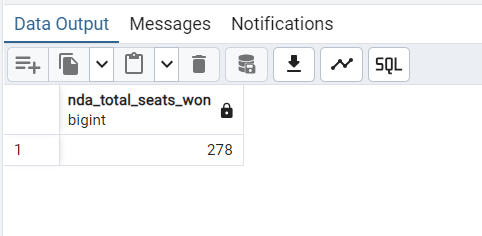
) THEN Won

ELSE 0

END) AS NDA\_Total\_Seats\_Won

FROM

partywise\_results



--4. SEATS WON BY NDA ALLIANCE 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',

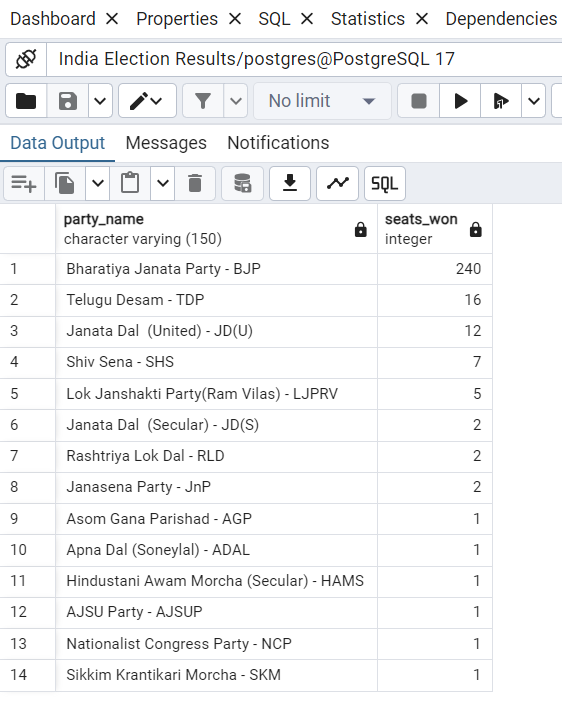
'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM'

)

ORDER BY Seats\_Won DESC



--5. TOTAL SEATS WON BY I.N.D.I.A. ALLIANCE

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'

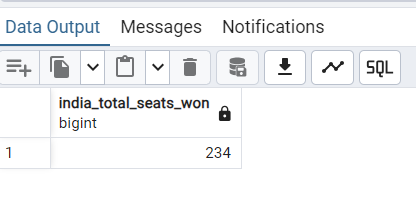
) THEN Won

ELSE 0

END) AS INDIA\_Total\_Seats\_Won

FROM

partywise\_results



--6. SEATS WON BY I.N.D.I.A. ALLIANCE 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',

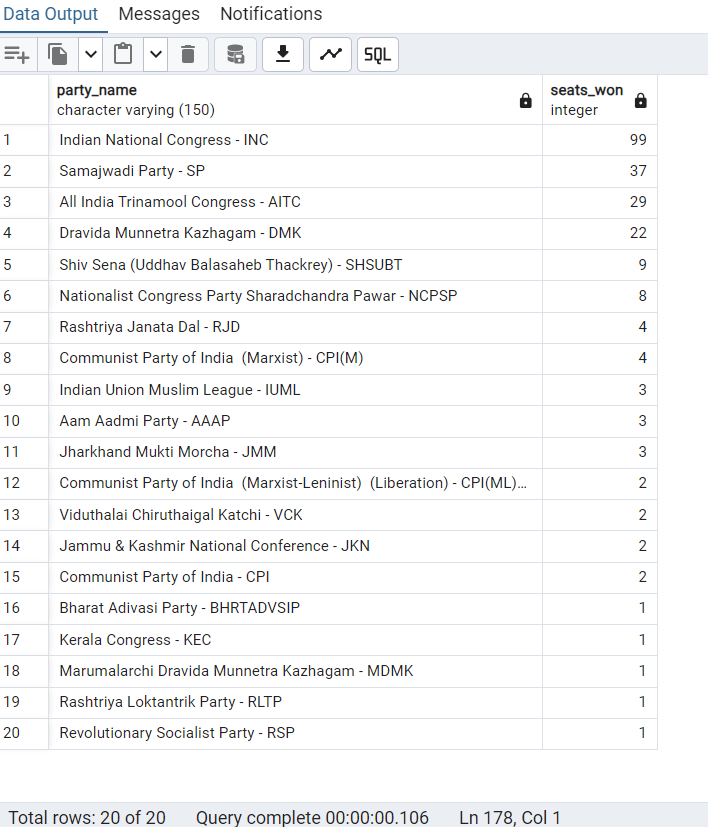
'Samajwadi Party - SP',

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

'Viduthalai Chiruthaigal Katchi - VCK'

)

ORDER BY Seats\_Won DESC



--7. ADD NEW COLUMN FIELD IN TABLE PARTYWISE\_RESULT TO GET THE PARTY ALLIANCE AS NDA, I.N.D.I.A. AND OTHERS

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',

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

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

'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM'

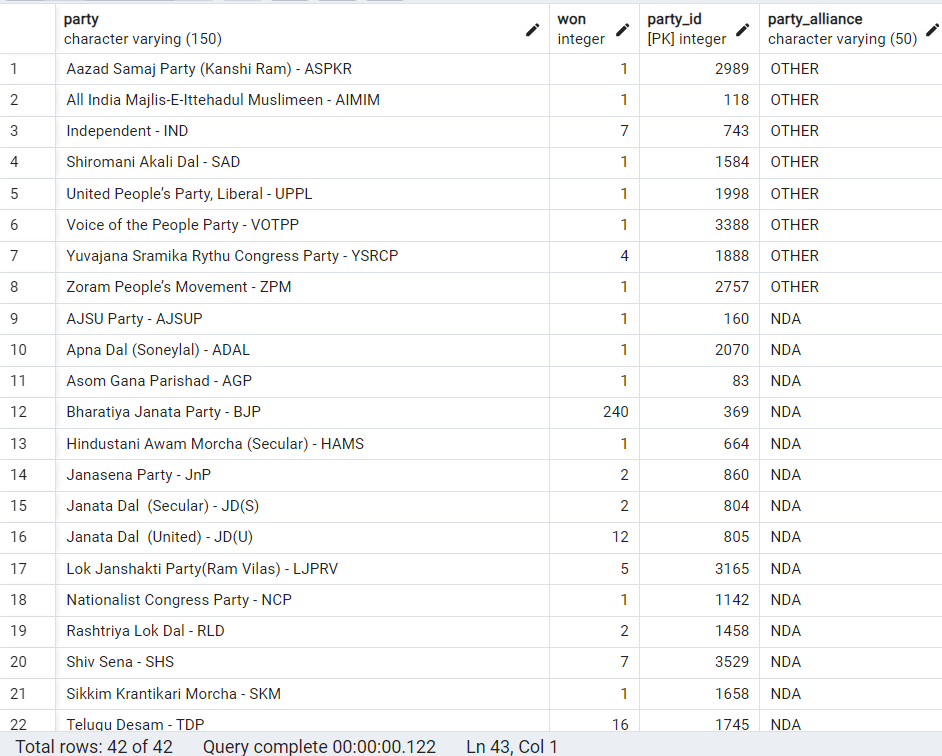
);

--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?

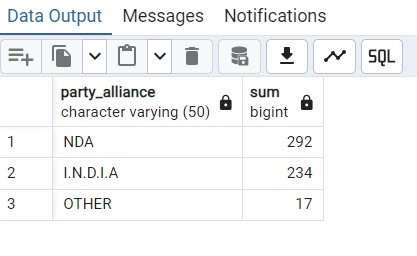
SELECT

party\_alliance,

SUM(won)

FROM partywise\_results

GROUP BY party\_alliance



-- 9. WINNING CANDIDATE'S NAME, THIER PARTY NAME, TOTAL VOTES, AND THE MARGIN OF VICTORY FOR A SPECIFIC STATE AND

-- CONSTITUENCY?

SELECT

cr.Winning\_Candidate,

pr.party,

pr.party\_alliance,

cr.total\_votes,

cr.margin,

s.state,

cr.Constituency\_Name

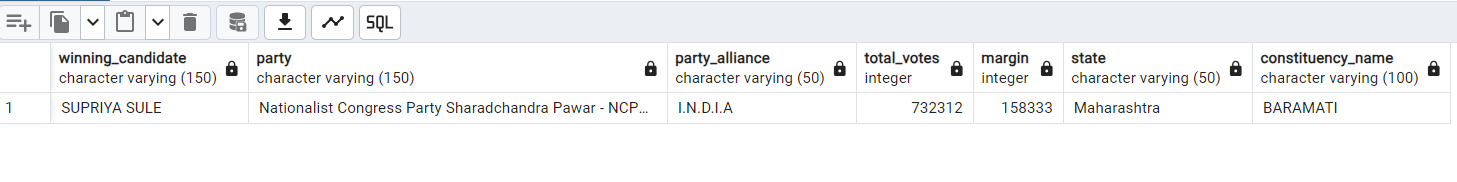
FROM

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 cr.Constituency\_Name = 'BARAMATI'



-- 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,

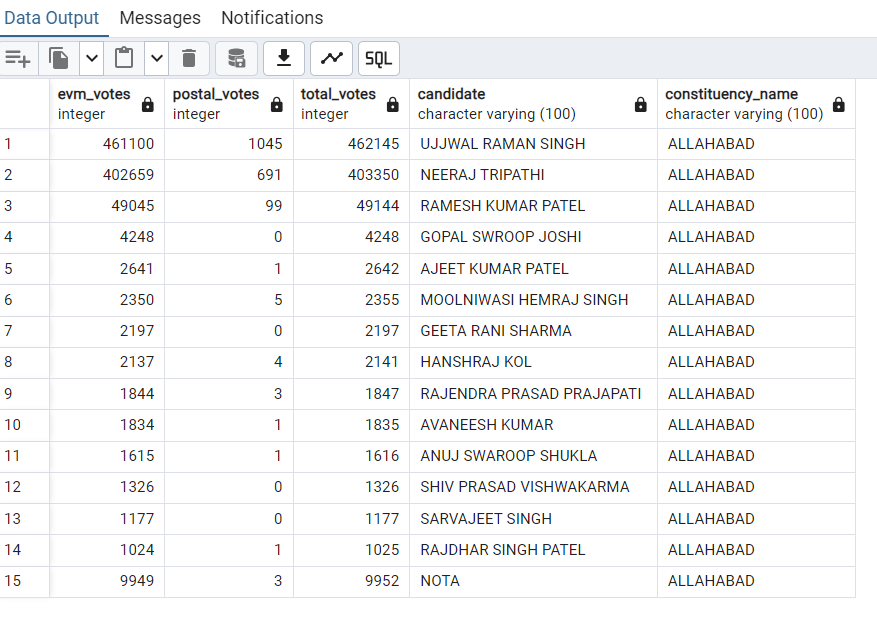
cd.Candidate,

cr.Constituency\_Name

FROM constituencywise\_results cr JOIN constituencywise\_details cd

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

WHERE cr.Constituency\_Name = 'ALLAHABAD'



-- 11. WHICH PARTIES WON THE MOST SEATS IN S STATE, AND HOW MANY SEATS DID EACH PARTY WIN?

SELECT

s.state,

pr.Party\_alliance

FROM

constituencywise\_results cr

JOIN

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

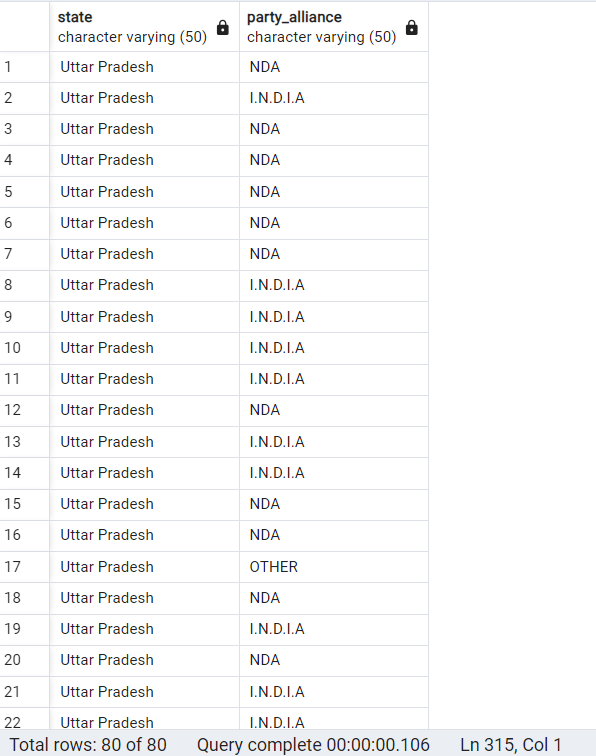
JOIN

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

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

WHERE

s.state = 'Uttar Pradesh'



-- 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

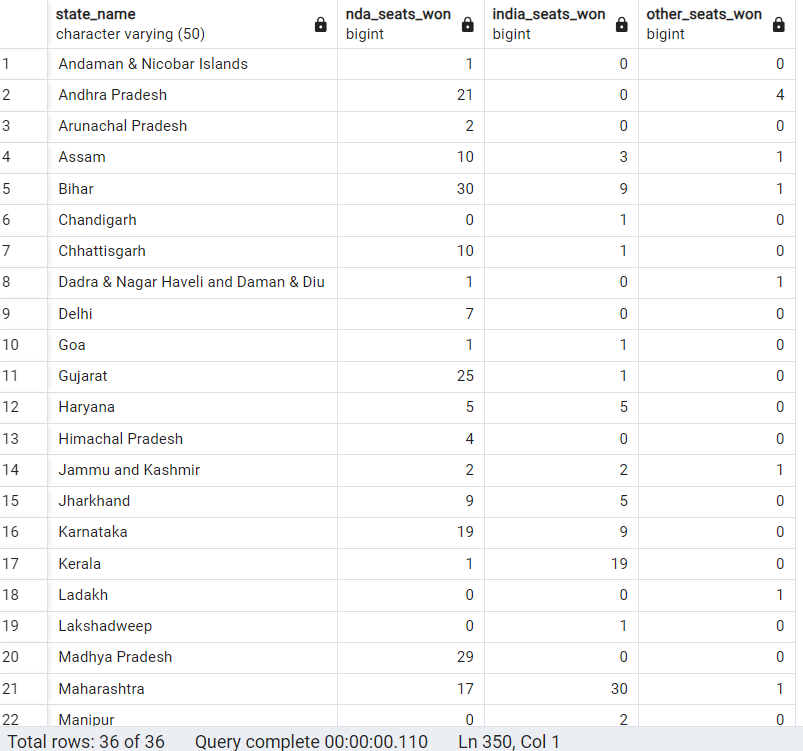
p.party\_alliance IN ('NDA', 'I.N.D.I.A', 'OTHER') -- Filter for NDA and INDIA alliances

GROUP BY

s.State

ORDER BY

s.State;



-- 13. WHICH CANDIDATE RECEIVED THE HIGHEST NUMBER OF EVM VOTES IN EACH CONSTITUENCY (TOP 10)?

SELECT

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

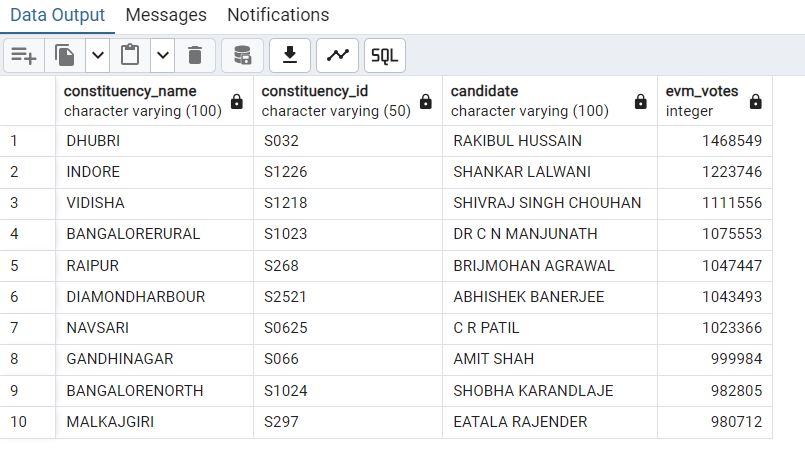
WHERE cd1.Constituency\_ID = cd.Constituency\_ID

)

ORDER BY

cd.EVM\_Votes DESC

LIMIT 10;



-- 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

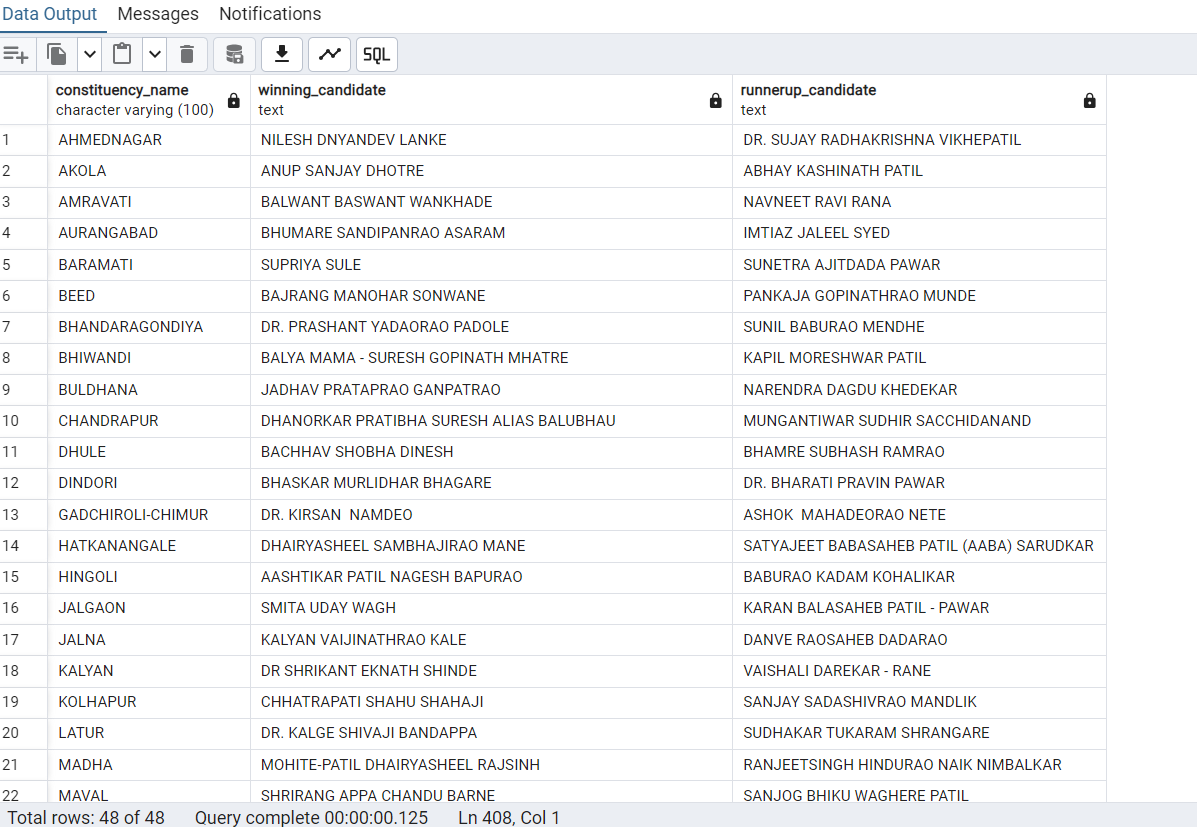
constituencywise\_results cr ON rc.Constituency\_ID = cr.Constituency\_ID

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

WHERE

s.State = 'Maharashtra';

