INDIA ELECTION RESULT ANALYSIS IN 2024

1. **Total seats**

select

distinct count(const\_id)

from constituencywise\_results;

**Output:**



1. **Total seats available for election in each state:**

select

count(parliament\_constituency) as total\_seats,

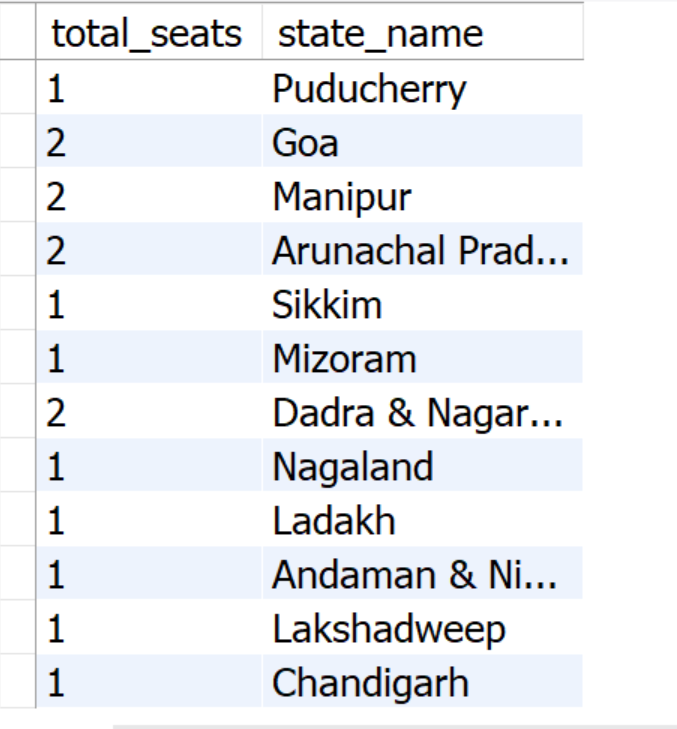
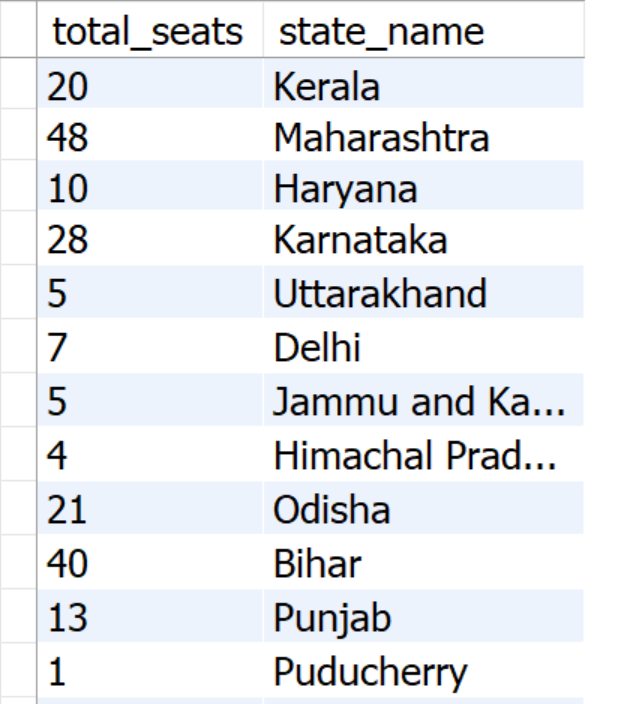
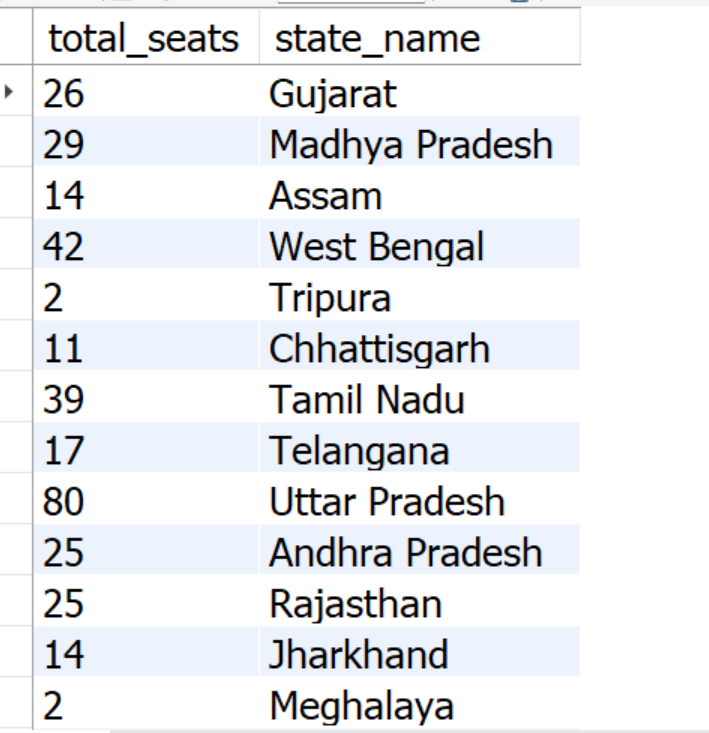
s.state as state\_name

from statewise\_results sr

join states s on sr.state\_id = s.state\_id

group by s.state;

**Output:**



**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;

Output:

A close-up of a website

AI-generated content may be incorrect.

1. 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',

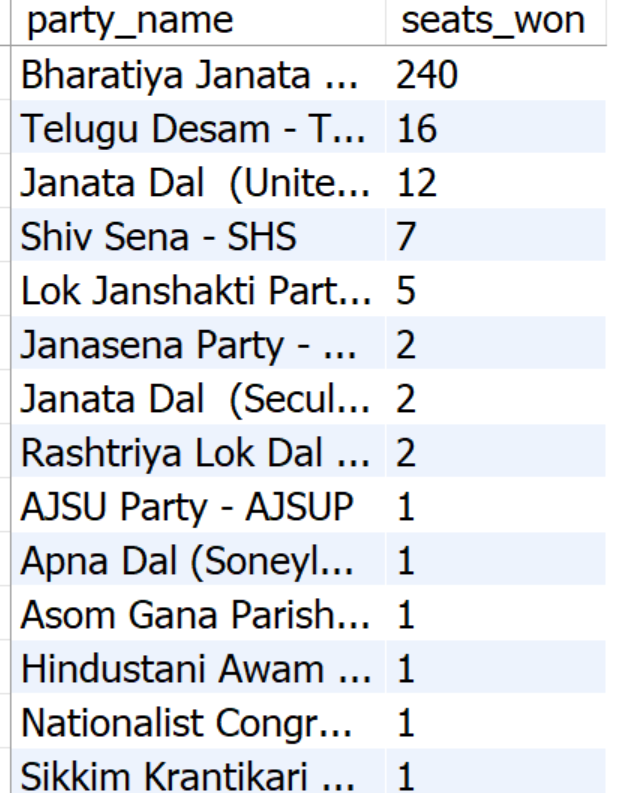
'Nationalist Congress Party - NCP',

'Rashtriya Lok Dal - RLD',

'Sikkim Krantikari Morcha - SKM')

order by seats\_won desc;

Output:



1. Total seats won by INDIA allaiance:

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'

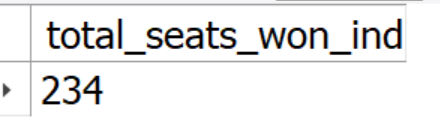
) then won

else 0

end) as total\_seats\_won\_india

from partywise\_results;

Output:



1. **Seats won by parties in INDIA alliance:**

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',

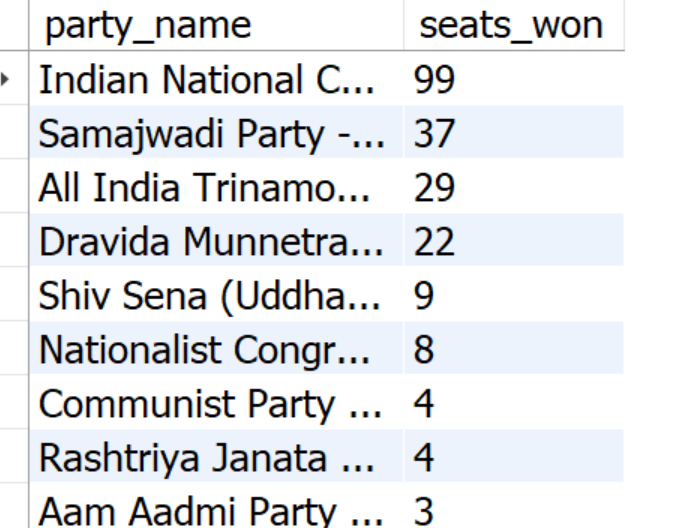
'Samajwadi Party - SP',

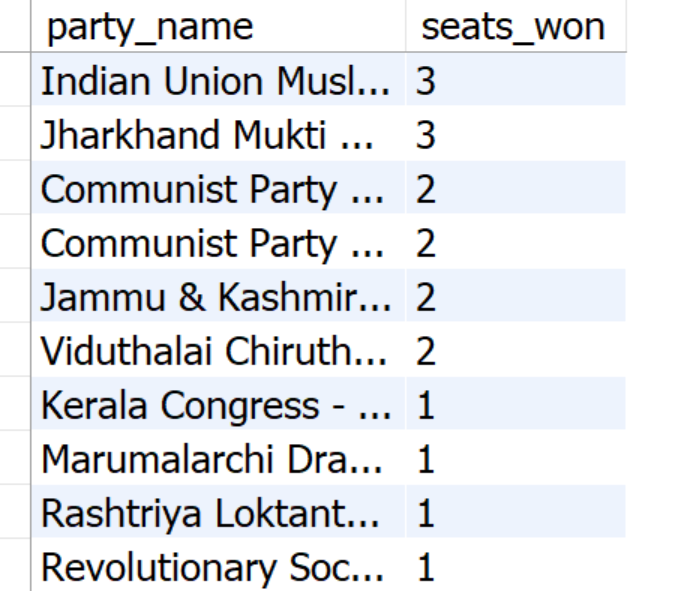
'Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT',

'Viduthalai Chiruthaigal Katchi - VCK')

order by seats\_won desc;

**Output:**

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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);

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',

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'Kerala Congress - KEC',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

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'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'

);

update partywise\_results

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

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'

);

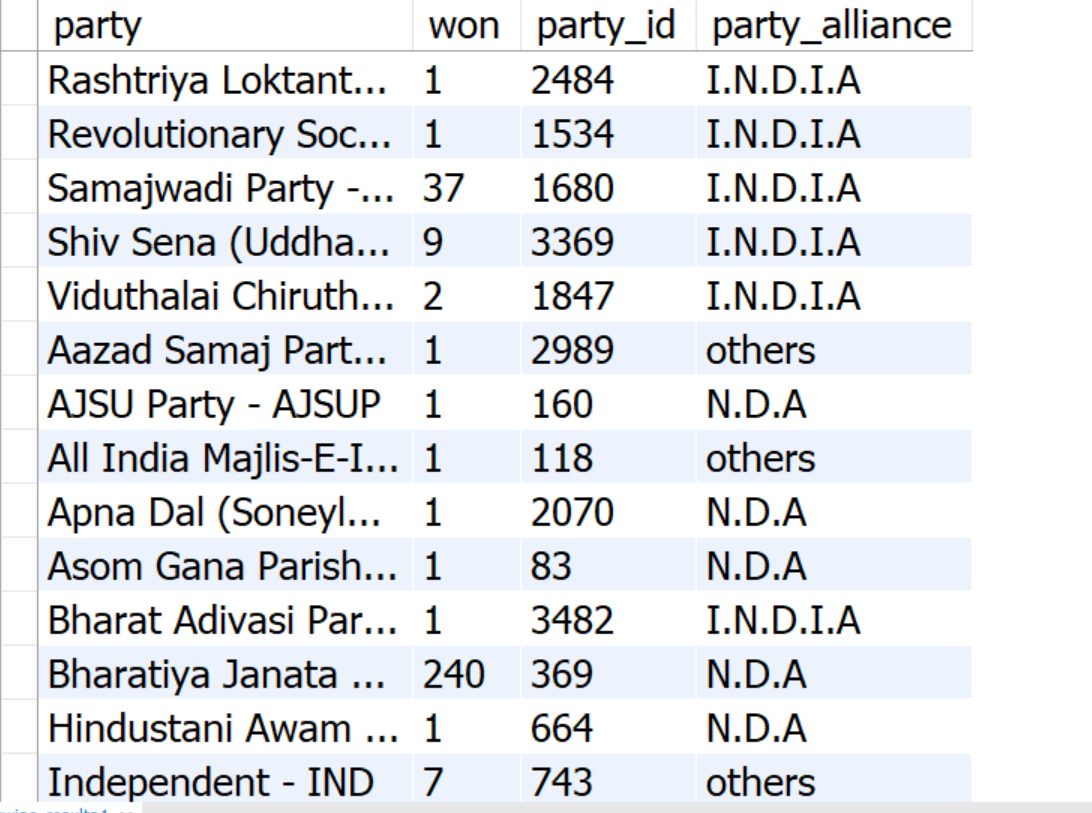
update partywise\_results

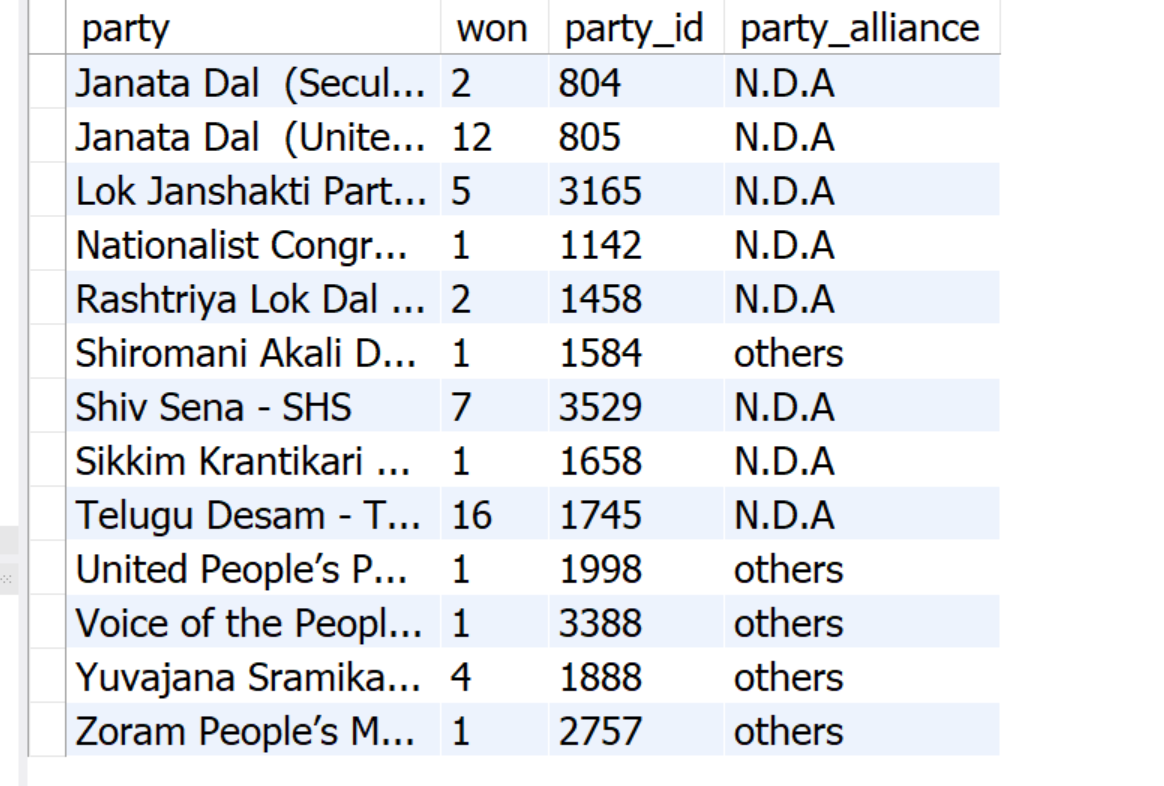
set party\_alliance = 'others'

where party\_alliance is null;

**Output:**







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

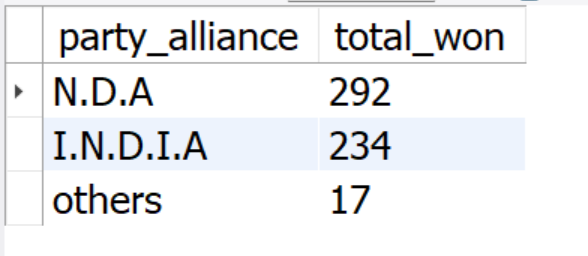
select party\_alliance, sum(won) as total\_won

from partywise\_results

group by party\_alliance

order by total\_won desc

Output:



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,

pr.party as party\_name,

cr.constituency\_name,

cr.total\_votes,

cr.margin,

s.state

from constituencywise\_results cr

inner join partywise\_results pr on cr.party\_id=pr.party\_id

inner join statewise\_results sr

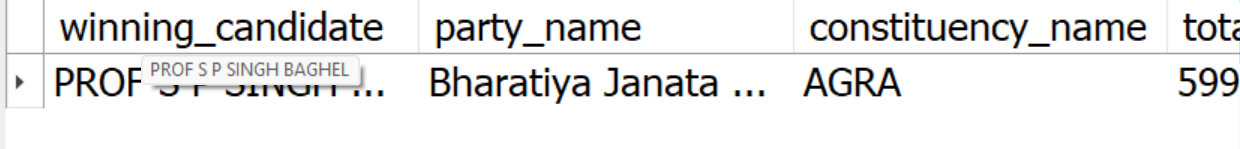
on cr.parliament\_constituency = sr.parliament\_constituency

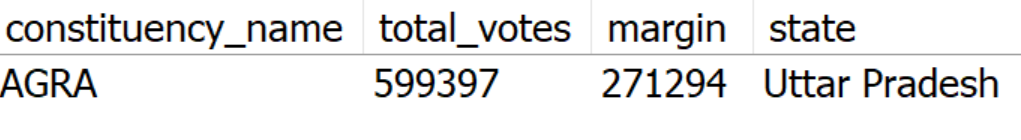
inner join states s on sr.state\_id = s.state\_id

where s.state='Uttar Pradesh'

and cr.constituency\_name ='AGRA';

**Output:**





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

select candidate, postal\_votes, evm\_votes

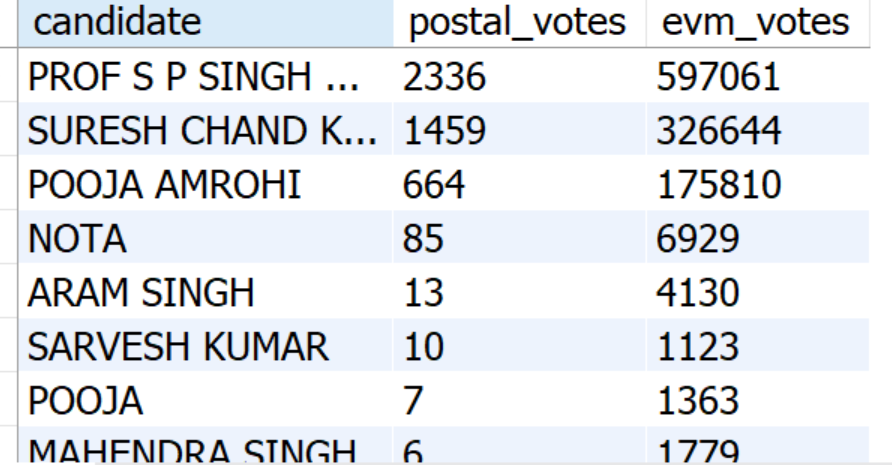
from constituencywise\_details cd

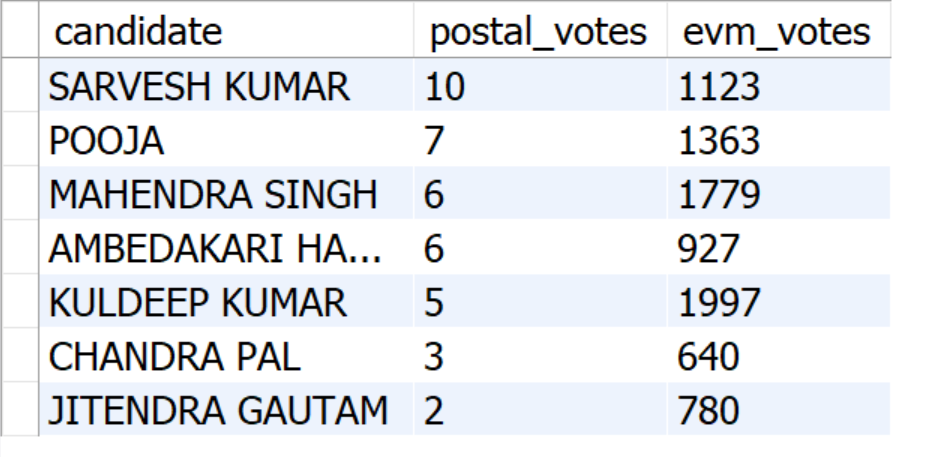
join constituencywise\_results cr

on cd.const\_id = cr.const\_id

where constituency\_name ='AGRA';

Output:





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

ELECT

pr.party AS party\_name,

s.state,

COUNT(\*) AS total\_constituencies

FROM statewise\_results sr

join states s

on sr.state\_id =s.state\_id

JOIN constituencywise\_results cr

ON sr.parliament\_constituency = cr.parliament\_constituency

JOIN partywise\_results pr

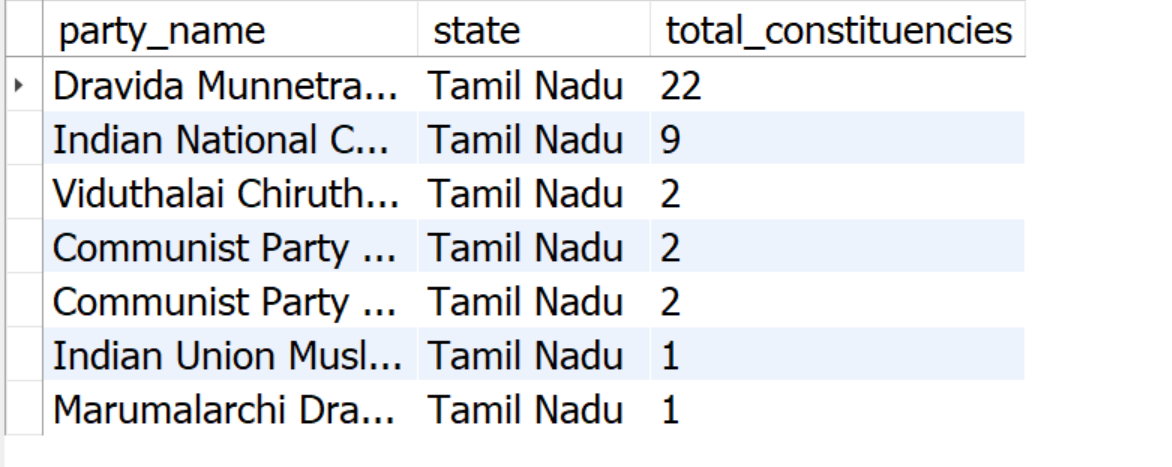
ON cr.party\_id = pr.party\_id

where s.state ='Tamil Nadu'

group by pr.party

order by total\_constituencies desc;

**Output**:



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 = 'I.N.D.I.A'then 1 else 0 end) as INDIA\_seats,

sum(case when p.party\_alliance ='N.D.A' then 1 else 0 end) as NDA\_seats,

sum(case when p.party\_alliance ='others' then 1 else 0 end) as others\_seats

from partywise\_results p

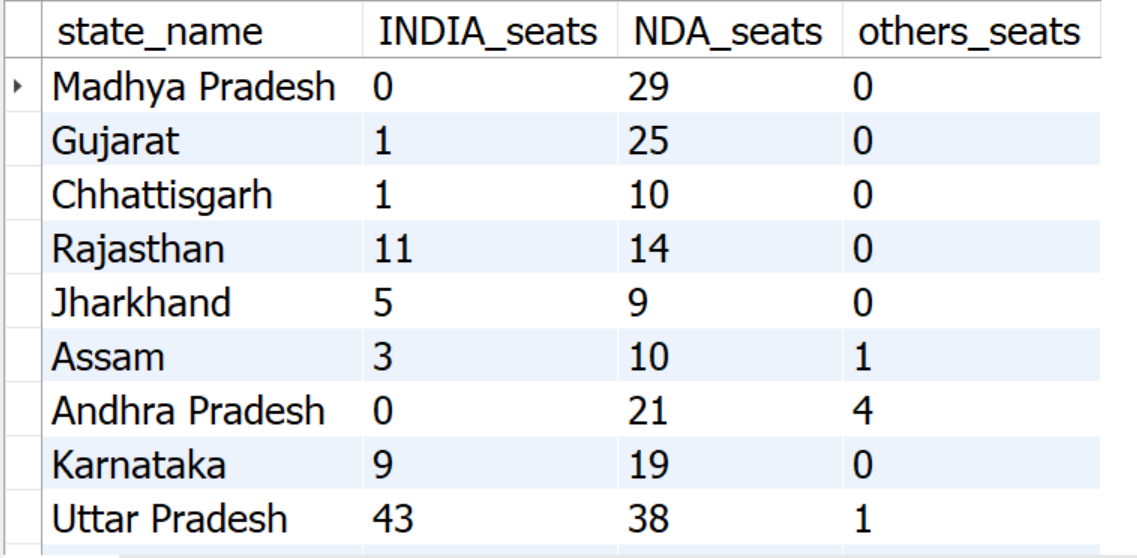
join constituencywise\_results cr on p.party\_id = cr.party\_id

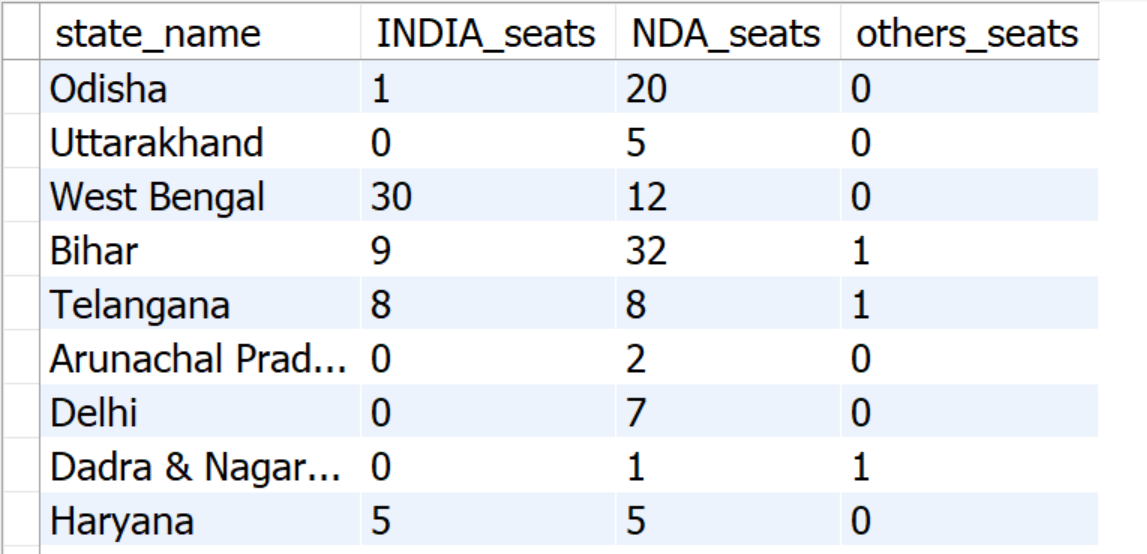
join statewise\_results sr on cr.parliament\_constituency = sr.parliament\_constituency

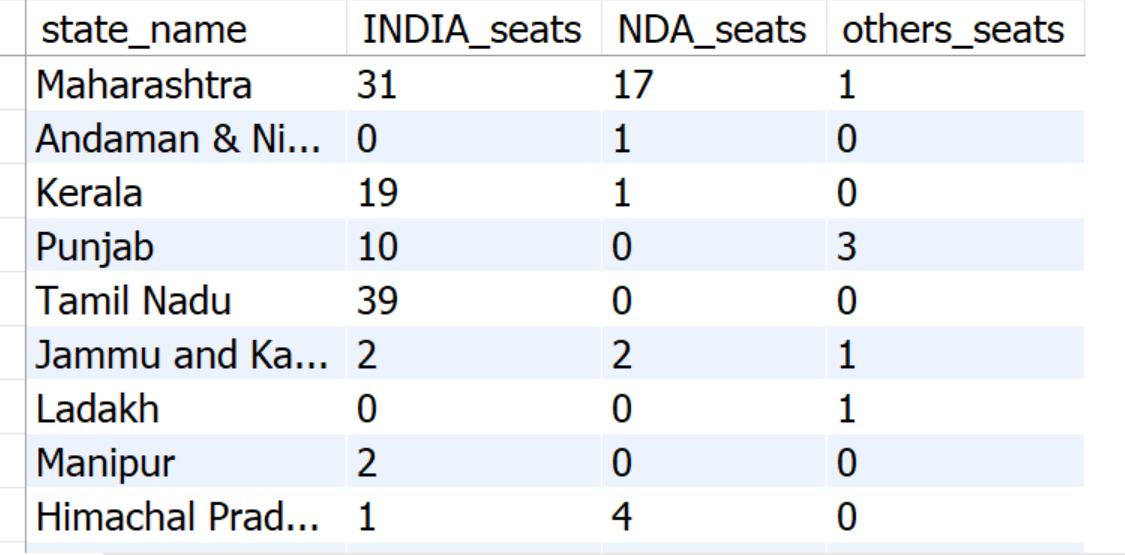
join states s on sr.state\_id =s.state\_id

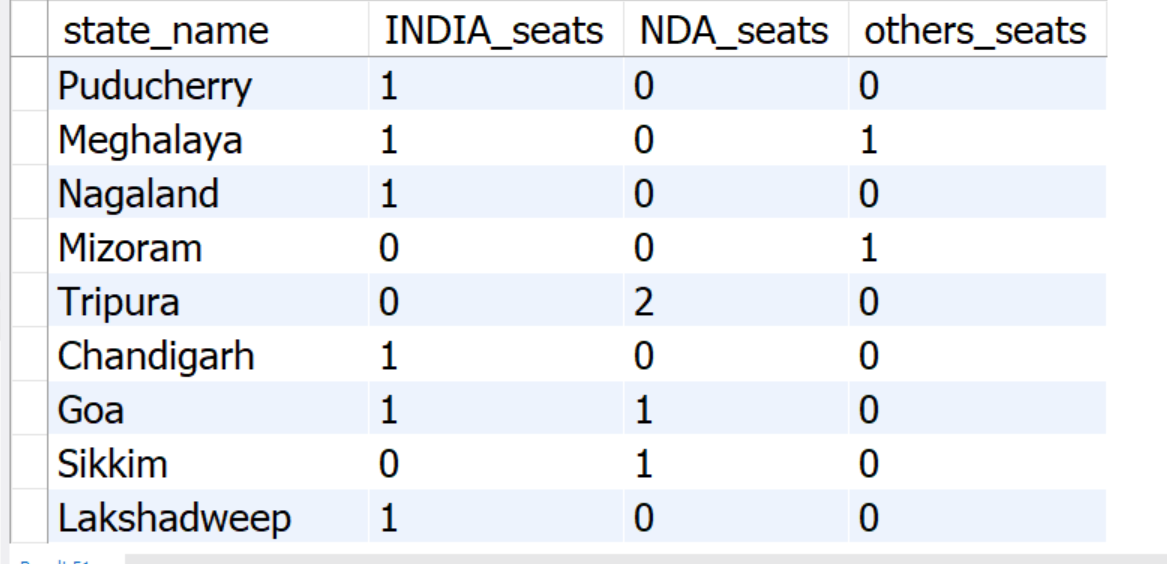
group by s.state;

**Output**:









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

select

cd.candidate,

cd.evm\_votes,

cr.constituency\_name

from constituencywise\_details cd

join constituencywise\_results cr

on cd.const\_id = cr.const\_id

order by evm\_votes desc

limit 10;

* + - If the evm\_votes of the more than one candidate is same, it may exclude some valid results.
    - Does **not guarantee one winner per constituency** (could show multiple candidates from the same place)

So, the below query works well.

SELECT

cr.constituency\_name,

cd.const\_id,

cd.candidate,

cd.evm\_votes

FROM constituencywise\_details cd

JOIN constituencywise\_results cr ON cd.const\_id = cr.const\_id

JOIN (

SELECT const\_id, MAX(evm\_votes) AS max\_votes

FROM constituencywise\_details

GROUP BY const\_id

) max\_votes\_tbl

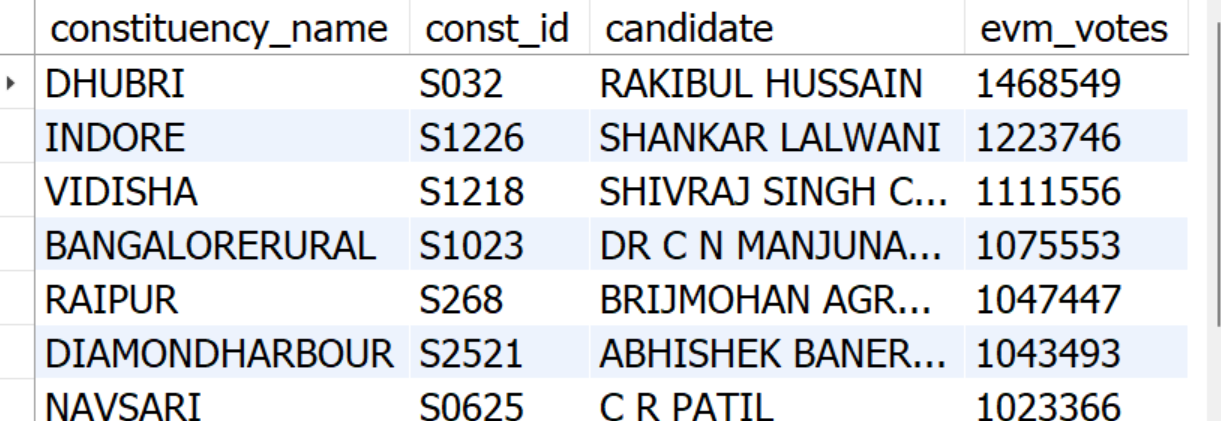
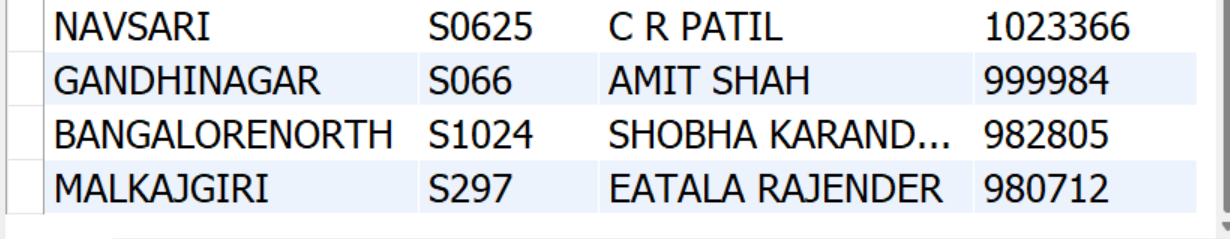
ON cd.const\_id = max\_votes\_tbl.const\_id

AND cd.evm\_votes = max\_votes\_tbl.max\_votes

ORDER BY cd.evm\_votes DESC

LIMIT 10;

**Output**:

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.Const\_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.Const\_ID ORDER BY cd.EVM\_Votes + cd.Postal\_Votes DESC) AS VoteRank

FROM

constituencywise\_details cd

JOIN

constituencywise\_results cr ON cd.Const\_ID = cr.Const\_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.Const\_ID = cr.Const\_ID

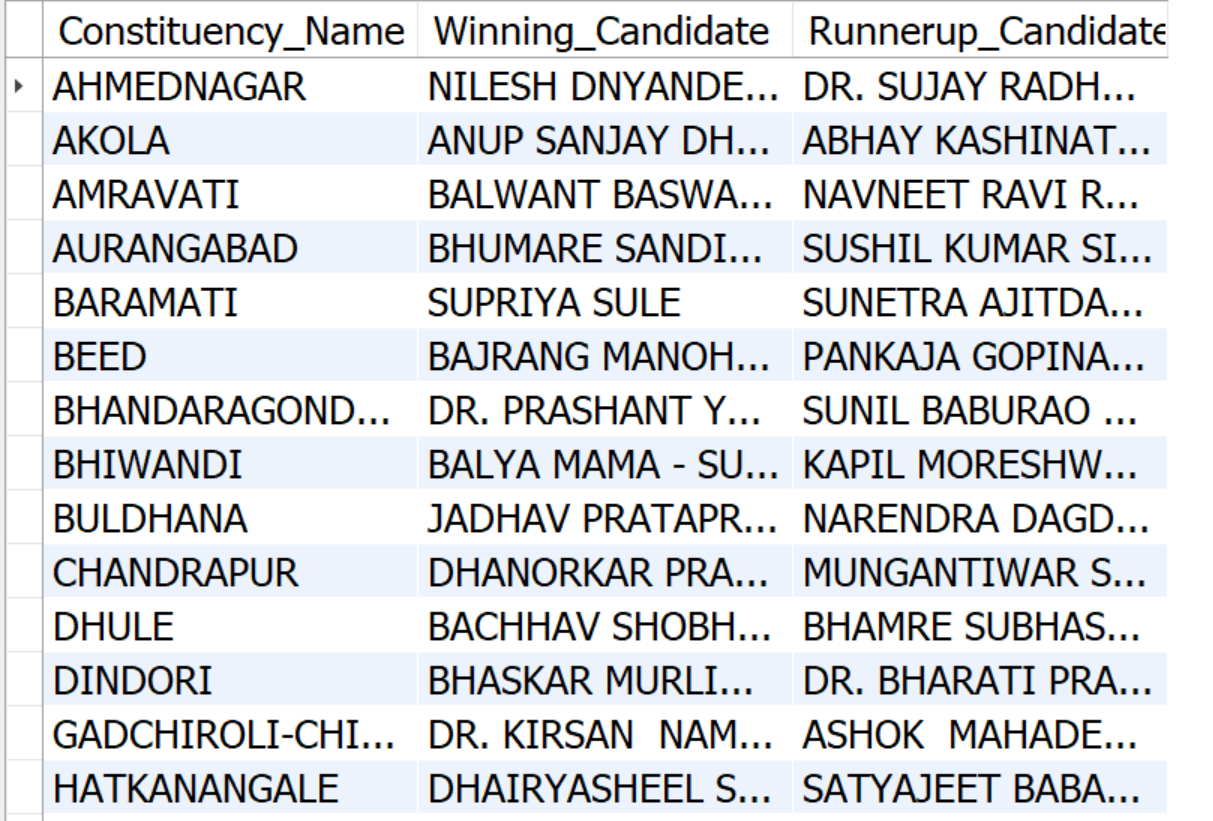
GROUP BY

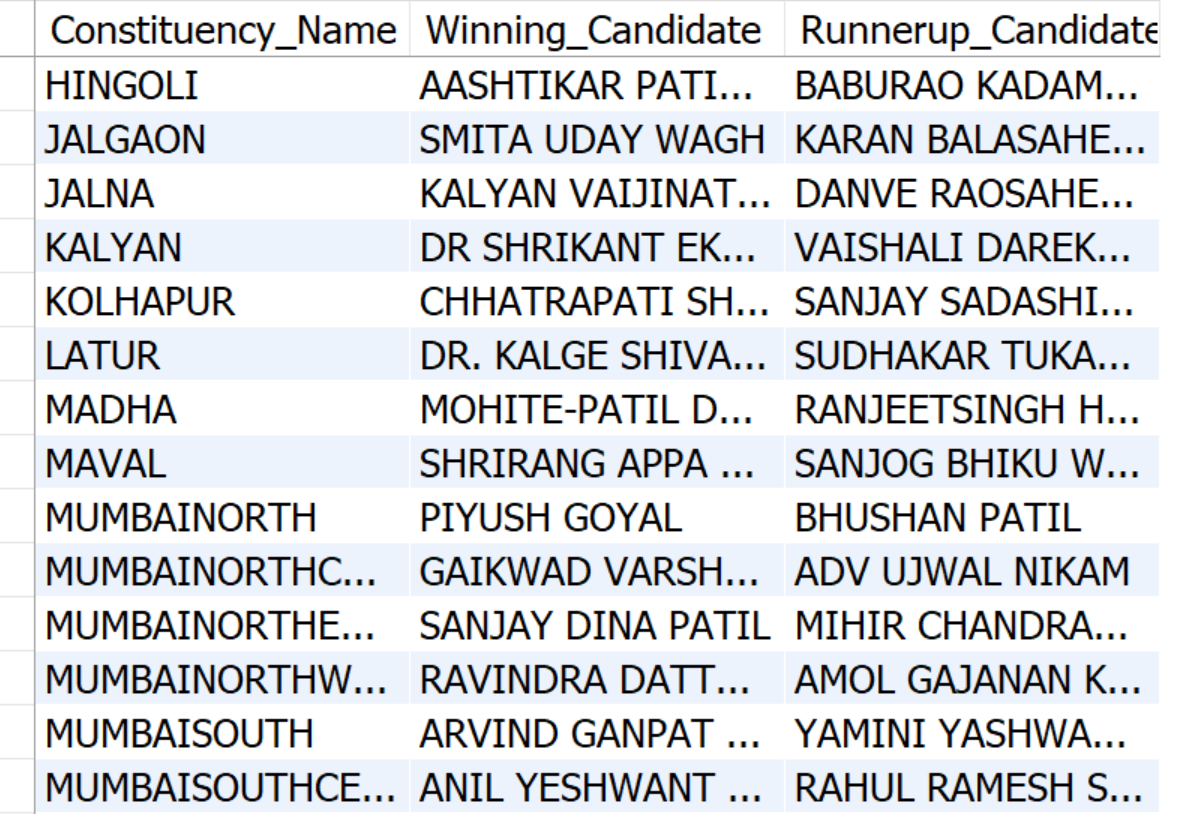
cr.Constituency\_Name

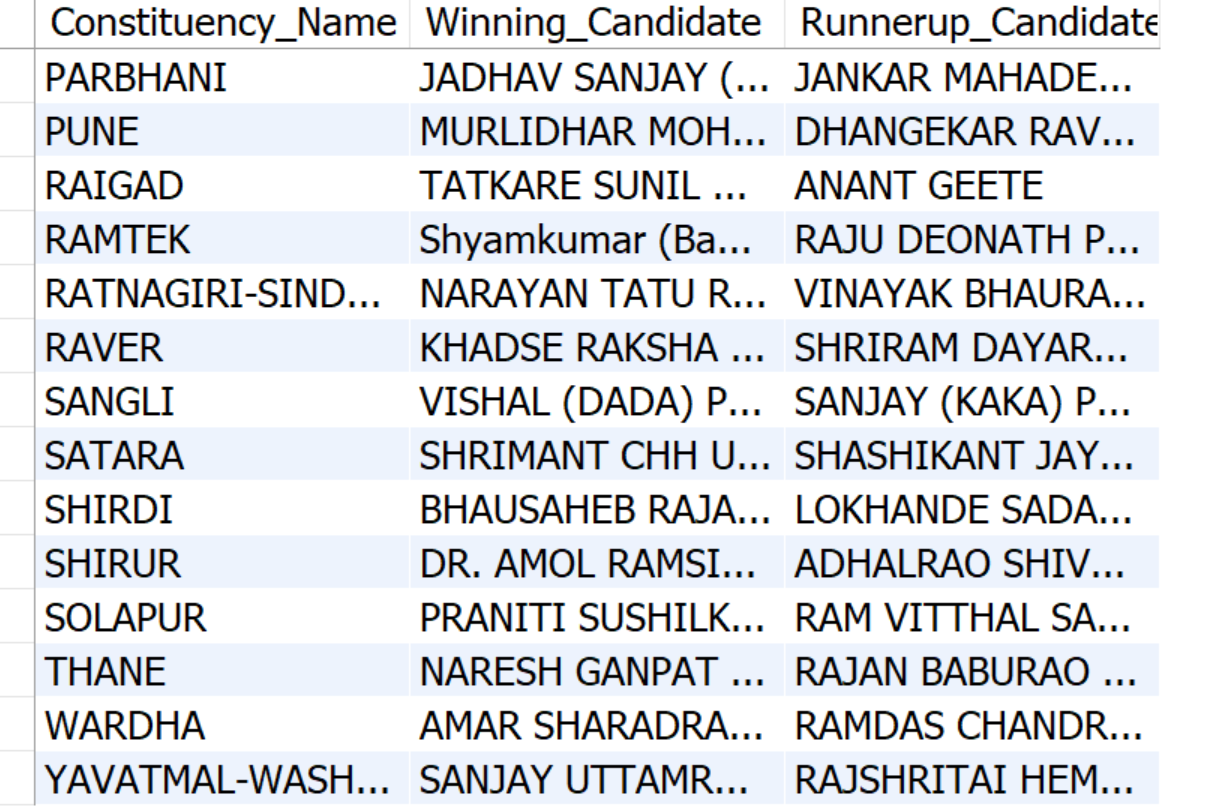
ORDER BY

cr.Constituency\_Name;

**Output**:







1. **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.const\_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.const\_id = cd.const\_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';

**Output**:

