**INDIA GENERAL ELECTIONS RESULT ANALYSIS 2024**

**Q1-**

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

**Ans 1- Create database India\_election\_Result\_2024;**

**use India\_election\_Result\_2024;**

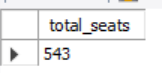
**select \* from constituencywise\_results;**

**describe constituencywise\_results;**

**/\* 1- Total seats \*/**

**Select count(distinct Parliament\_Constituency) as total\_seats**

**from constituencywise\_results;**

****

**Q2- -what is the total number of seats available in each state for election?\*/**

**Ans 2-**

**Select**

**s.state AS State\_name,**

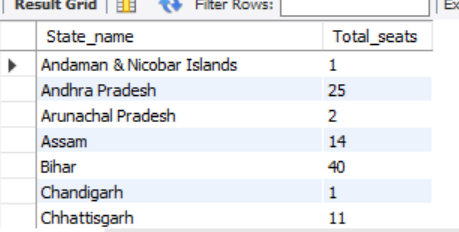
**count(distinct cr.Parliament\_Constituency) as Total\_seats**

**from Constituencywise\_results as cr**

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

**INNER JOIN States as s ON sr.state\_ID = s.state\_ID**

**group by s.state;**

****

**Q3-** **Total seats won by NDA Alliance**

**select**

**SUM(case**

**when Party IN (**

**'Bharatiya Janata Party - BJP',**

**'Telugu Desam - TDP',**

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

**'Hindustani Awam Morcha (Secular) - HAMS',**

**'Apna Dal (Soneylal) - ADAL',**

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

**'AJSU Party - AJSUP',**

**'Asom Gana Parishad - AGP',**

**'Janasena Party - JnP',**

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

**'Nationalist Congress Party - NCP',**

**'Shiv Sena - SHS',**

**'Sikkim Krantikari Morcha - SKM',**

**'United People Party, Liberal - UPPL',**

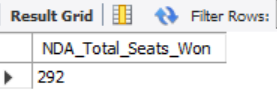
**'Rashtriya Lok Dal - RLD'**

**) then Won**

**ELSE 0**

**END) AS NDA\_Total\_Seats\_Won**

**from partywise\_results;**

****

**Q4- Total Individual seats won by each NDA ALLIANCE PARTY**

**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)',**

**'Hindustani Awam Morcha (Secular) - HAMS',**

**'Apna Dal (Soneylal) - ADAL',**

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

**'AJSU Party - AJSUP',**

**'Asom Gana Parishad - AGP',**

**'Janasena Party - JnP',**

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

**'Nationalist Congress Party - NCP',**

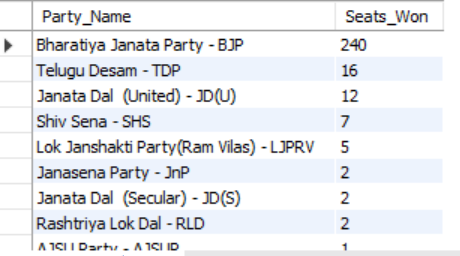
**'Shiv Sena - SHS',**

**'Sikkim Krantikari Morcha - SKM',**

**'United People Party, Liberal - UPPL',**

**'Rashtriya Lok Dal - RLD')**

**ORDER BY Seats\_Won DESC;**



Q5- **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',

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

'Samajwadi Party - SP',

'Dravida Munnetra Kazhagam - DMK',

'Nationalist Congress Party Sharadchandra Pawar - NCPSP',

'Rashtriya Janata Dal - RJD',

'Jharkhand Mukti Morcha - JMM',

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

'Indian Union Muslim League - IUML',

'Jammu & Kashmir National Conference - JKN',

'Communist Party of India - CPI',

'Kerala Congress - KEC',

'Viduthalai Chiruthaigal Katchi - VCK',

'Revolutionary Socialist Party - RSP',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

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

'Rashtriya Loktantrik Party - RLTP',

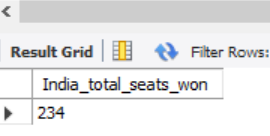
'Bharat Adivasi Party - BHRTADVSIP'

) then Won

else 0

END) AS India\_total\_seats\_won

From partywise\_results;



/\*6- **Total seats won by each NDA ALLIANCE PARTY**\*/

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',

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

'Samajwadi Party - SP',

'Dravida Munnetra Kazhagam - DMK',

'Nationalist Congress Party Sharadchandra Pawar - NCPSP',

'Rashtriya Janata Dal - RJD',

'Jharkhand Mukti Morcha - JMM',

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

'Indian Union Muslim League - IUML',

'Jammu & Kashmir National Conference - JKN',

'Communist Party of India - CPI',

'Kerala Congress - KEC',

'Viduthalai Chiruthaigal Katchi - VCK',

'Revolutionary Socialist Party - RSP',

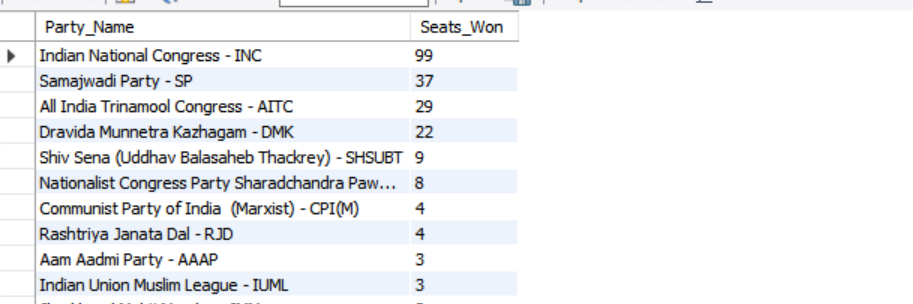
'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

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

'Rashtriya Loktantrik Party - RLTP',

'Bharat Adivasi Party - BHRTADVSIP')

order by Seats\_Won desc;



7- Add a 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 column 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',

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

'Samajwadi Party - SP',

'Dravida Munnetra Kazhagam - DMK',

'Nationalist Congress Party Sharadchandra Pawar - NCPSP',

'Rashtriya Janata Dal - RJD',

'Jharkhand Mukti Morcha - JMM',

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

'Indian Union Muslim League - IUML',

'Jammu & Kashmir National Conference - JKN',

'Communist Party of India - CPI',

'Kerala Congress - KEC',

'Viduthalai Chiruthaigal Katchi - VCK',

'Revolutionary Socialist Party - RSP',

'Marumalarchi Dravida Munnetra Kazhagam - MDMK',

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

'Rashtriya Loktantrik Party - RLTP',

'Bharat Adivasi Party - BHRTADVSIP');

update partywise\_results

set Party\_Alliance = 'N.D.A'

WHERE party in ('Bharatiya Janata Party - BJP',

'Telugu Desam - TDP',

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

'Hindustani Awam Morcha (Secular) - HAMS',

'Apna Dal (Soneylal) - ADAL',

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

'AJSU Party - AJSUP',

'Asom Gana Parishad - AGP',

'Janasena Party - JnP',

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

'Nationalist Congress Party - NCP',

'Shiv Sena - SHS',

'Sikkim Krantikari Morcha - SKM',

'United People Party, Liberal - UPPL',

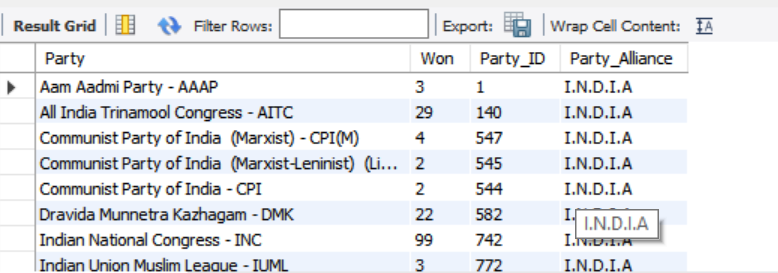
'Rashtriya Lok Dal - RLD');

update partywise\_results

set Party\_Alliance = 'OTHERS'

where Party\_Alliance is NULL;

set sql\_safe\_updates = 0;



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

all states? \*/

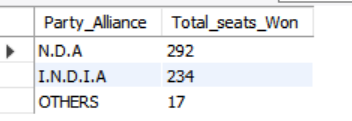
SELECT Party\_Alliance,

sum(Won) as Total\_seats\_Won

from Partywise\_results

group by Party\_Alliance

order by sum(Won) desc;



/\*ONLY NDA ALLIANZ SEATS \*/

SELECT Party,

Won as Total\_seats\_Won

from Partywise\_results

where Party\_Alliance = 'N.D.A'

order by Won desc;

/\*2nd- method - \*/

select p.Party\_Alliance,

count(cr.Constituency\_ID) as Seats\_Won

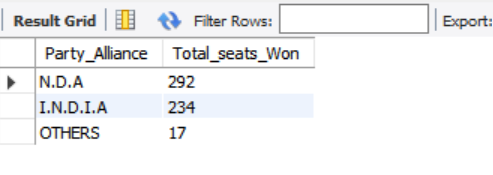
from constituencywise\_results as cr

inner join partywise\_results as p ON cr.Party\_ID = p.Party\_ID

where p.Party\_Alliance IN ('N.D.A', 'I.N.D.I.A', 'OTHERS')

GROUP BY p.Party\_Alliance

order by Seats\_Won desc;



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, p.party, p.Party\_Alliance, cr.Total\_Votes, cr.Margin, s.state,

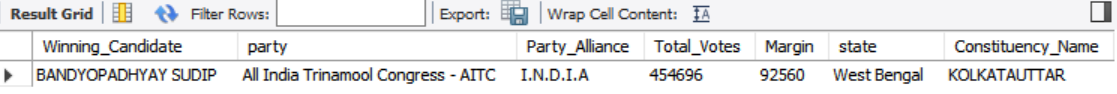
cr.Constituency\_Name from constituencywise\_results as cr

inner join partywise\_results p ON cr.Party\_ID = p.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 = 'West Bengal' AND cr.Constituency\_Name = 'KOLKATAUTTAR';



10- 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,

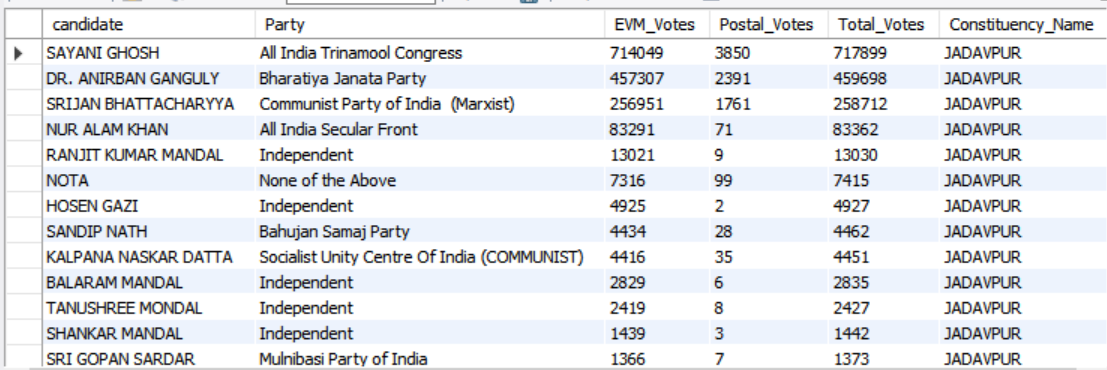
cd.Total\_Votes, cr.Constituency\_Name

from constituencywise\_details cd

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

where cr.Constituency\_Name = 'JADAVPUR'

order by cd.Total\_Votes desc;



11- Which parties won the most seats in s State, and how many seats did each party win? \*/

select pr.Party,

count(Constituency\_ID) as Seats\_Won

from constituencywise\_results as cr

inner join Partywise\_results pr ON cr.Party\_ID = pr.Party\_ID

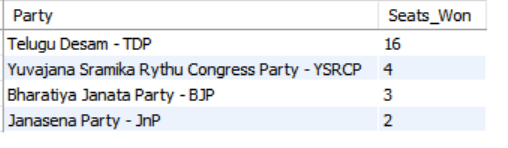
inner join statewise\_results sr ON cr.Parliament\_Constituency = sr.Parliament\_Constituency

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

where s.State = 'Andhra Pradesh'

group by pr.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 = 'N.D.A' 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 = 'OTHERS' 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

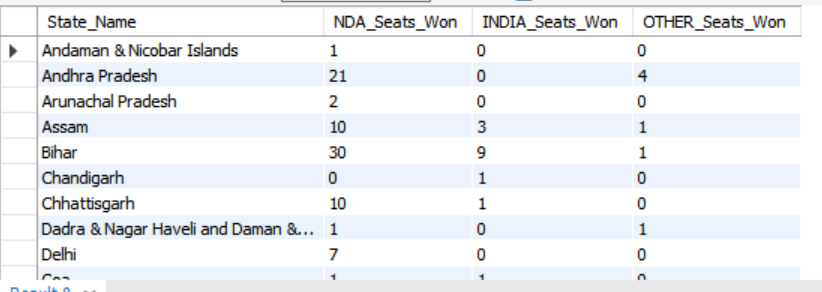
p.party\_alliance IN ('N.D.A', 'I.N.D.I.A', 'OTHERS') -- Filter for NDA and INDIA alliances

GROUP BY

s.State

ORDER BY

s.State;



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

SELECT cd.Candidate, max(cd.EVM\_Votes) as Max\_Votes , cr.Constituency\_Name, cr.constituency\_ID

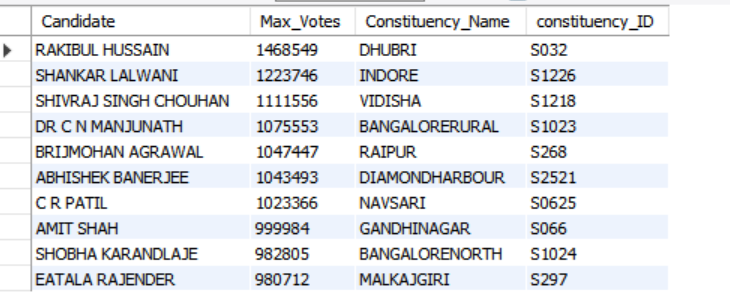
from constituencywise\_details cd

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

GROUP BY cr.Constituency\_Name, cd.Candidate, cr.constituency\_ID

order by Max\_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;

2nd Method –

SELECT

cd.Candidate,

cd.Constituency\_ID,

cr.Constituency\_Name,

sr.State,

cd.EVM\_Votes + cd.Postal\_Votes AS Total\_Votes,

ROW\_NUMBER() OVER (PARTITION BY sr.State ORDER BY cd.EVM\_Votes + cd.Postal\_Votes DESC) AS State\_Vote\_Rank

FROM

constituencywise\_details cd

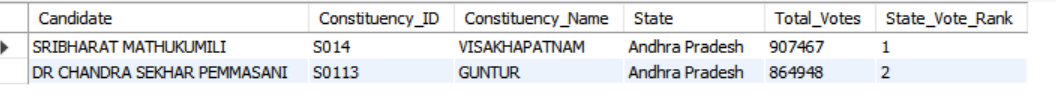
INNER JOIN

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

INNER JOIN

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

LIMIT 2;



15- For the state of Maharashtra, what are the total number of seats, number of candidates,

number of parties, total votes (including EVM and postal), and the breakdown of EVM and postal votes?\*/

Select s.State,

COUNT(DISTINCT cr.Constituency\_ID) as Total\_Seats,

COUNT(DISTINCT cd.Candidate) as Total\_Candidates,

COUNT(DISTINCT pr.Party) as Total\_Party,

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\_details cd

inner join Constituencywise\_results cr ON cd.Constituency\_ID = cr.Constituency\_ID

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

Inner join Partywise\_results pr ON pr.Party\_ID = cr.Party\_ID

inner join States s ON sr.State\_ID = s.State\_ID

where s.State = 'Uttar Pradesh';

