

DATA ANALYTICAL PROJECT USING SQL

LOK SABHA

ELECTION 2024

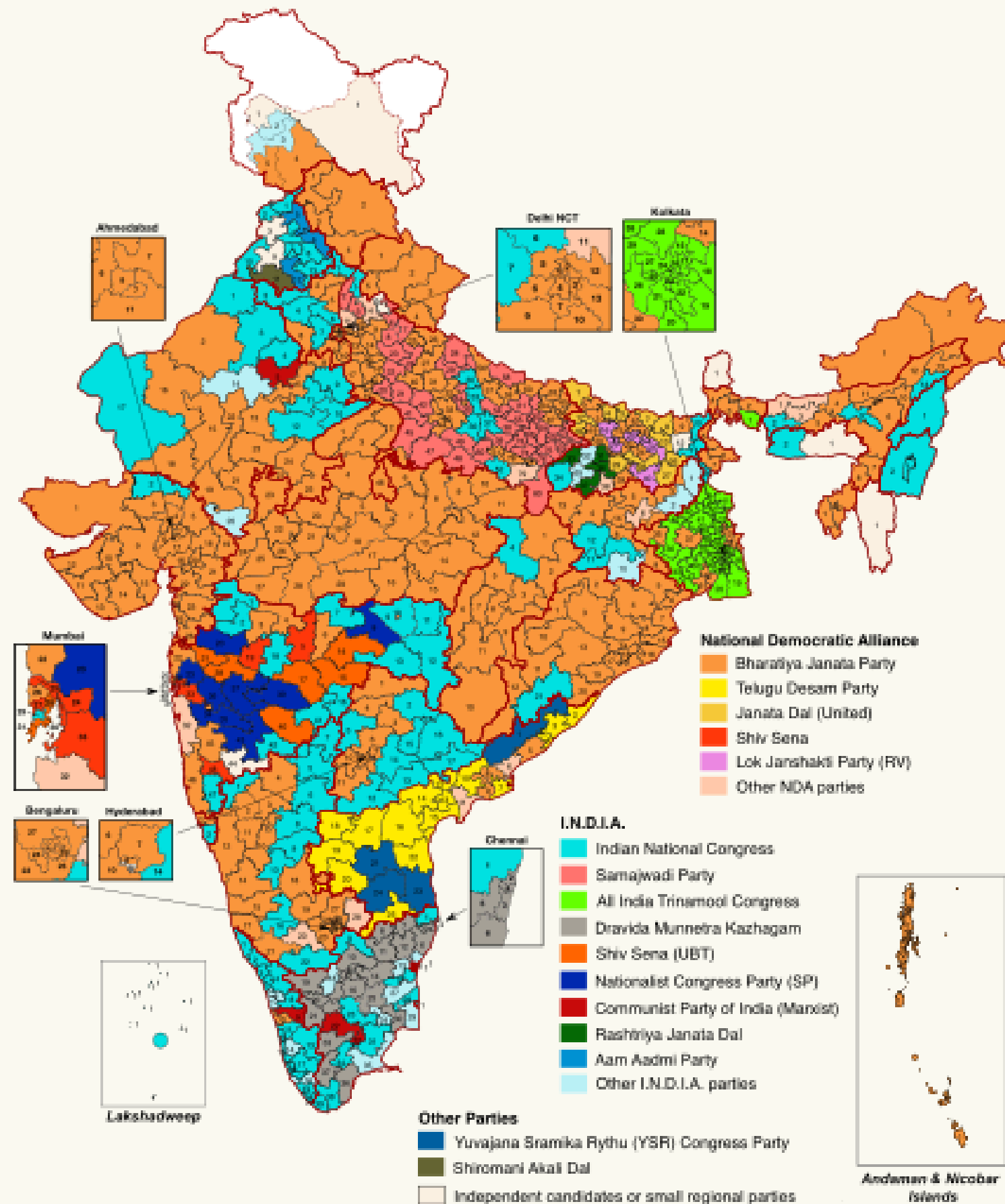


INDIAN GENERAL ELECTION RESULTS DATA ANALYSIS USING SQL - VINEET SAKHARE

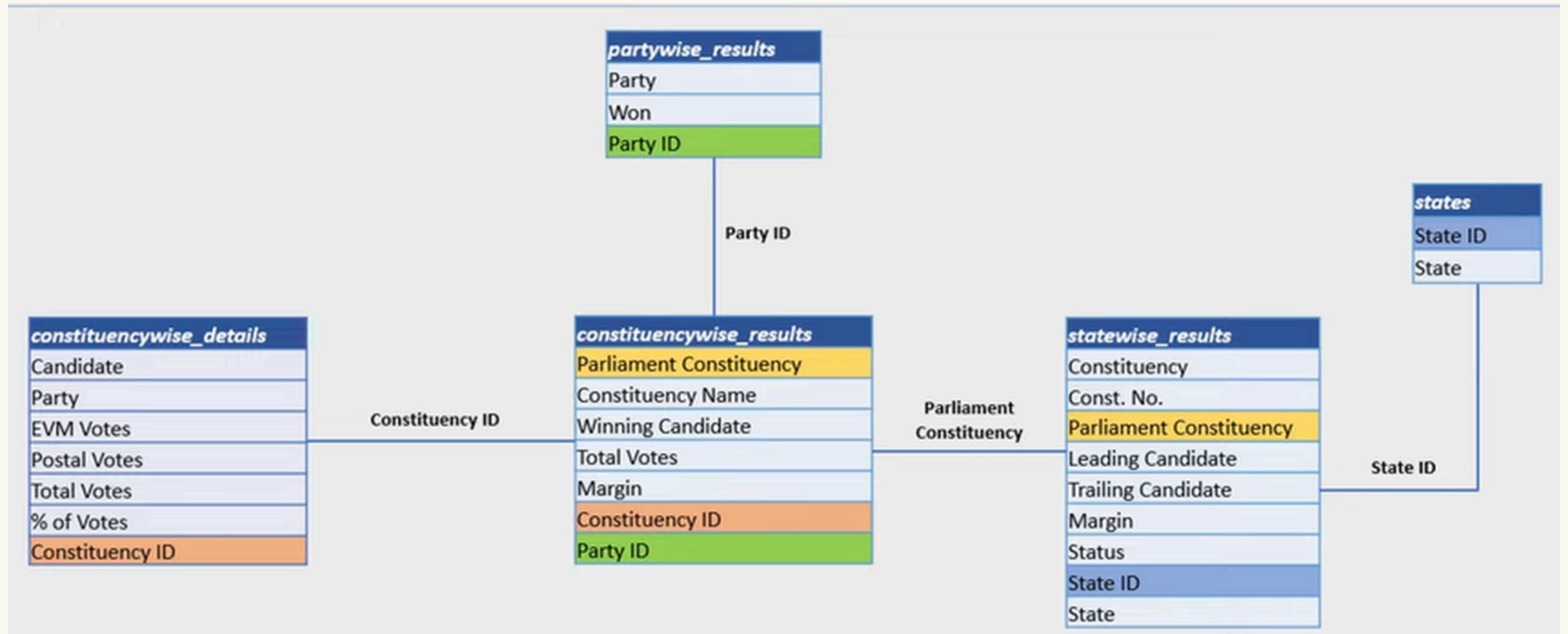
INDIA GENERAL ELECTION

2024 ANALYSIS:

The 2024 Indian general elections were held from 19 April to 1 June to elect 543 members of the Lok Sabha. Over 968 million people were eligible to vote, and 642 million participated, making it the largest election in history. The Bharatiya Janata Party (BJP), led by Prime Minister Narendra Modi, won 240 seats, losing its singular majority but securing a third consecutive term through the National Democratic Alliance (NDA) coalition. The opposition, the Indian National Developmental Inclusive Alliance (INDIA), secured 234 seats, exceeding expectations. This marked the highest-ever participation by women voters, with 312 million women casting votes.



Schema / ERD Diagram :



PROBLEM STATEMENT:

1. **Total Sales**
2. **What are the total number of seats available for elections in each state**
3. **Total Seats Won by NDA Alliance**
4. **Seats Won by NDA Alliance Parties**
5. **Total Seats Won by I.N.D.I.A, Alliance**
6. **Seats Won by I.N.D.I.A. Alliance Parties**
7. **Add new column field in table partywise_results to get the Party Allianz as NDA, INDIA and OTHER**
8. **Which party alliance (NDA, I.N.D.I.A, or OTHER) won the most seats across all states ?**
9. **Winning candidate's name, their party name, total votes, and the margin of victory for a specific state and constituency?**
10. **What is the distribution of EVM votes versus postal votes for candidates in a specific constituency?**

PROBLEM STATEMENT:

- 11. Which parties won the most seats in a State, and how many seats did each party win?**
- 12. What is the total number won by each party alliance (NDA, I.N D.i.A, and OTHER) in each state for the India Elections 2024?**
- 13. Which candidate received the highest number of EVM votes in each constituency (Top 10)?**
- 14. Which candidate won and which candidate was the runner-up in each constituency of State for the 2024 elections?**
- 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?**

1. Total Sales

```
SELECT COUNT("Parliament Constituency") AS Total_Seats  
FROM constituencywise_results;
```

	Total_Seats
▶	543

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

```
SELECT
COUNT(DISTINCT `Parliament
Constituency`) AS Total_Seats,
states.State AS State
FROM
constituencywise_results
JOIN
statewise_results ON
constituencywise_results.`Parliament
Constituency` =
statewise_results.Parliament_constituency
JOIN
states ON statewise_results.State_id =
states.`State ID`
GROUP BY
states.State;
```

	Total_Seats	State		Total_Seats	State
▶	80	Uttar Pradesh	▶	7	Delhi
	48	Maharashtra		5	Jammu and Kashmir
	42	West Bengal		5	Uttarakhand
	40	Bihar		4	Himachal Pradesh
	39	Tamil Nadu		2	Arunachal Pradesh
	29	Madhya Pradesh		2	Dadra & Nagar Haveli and Daman &...
	28	Karnataka		2	Goa
	26	Gujarat		2	Manipur
	25	Andhra Pradesh		2	Meghalaya
	25	Rajasthan		2	Tripura
	21	Odisha		1	Andaman & Nicobar Islands
	20	Kerala		1	Chandigarh
	17	Telangana		1	Ladakh
	14	Assam		1	Lakshadweep
	14	Jharkhand		1	Mizoram
	13	Punjab		1	Nagaland
	11	Chhattisgarh		1	Puducherry
	10	Haryana		1	Sikkim

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;
```

	NDA_Total_Seats_Won
▶	292

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;
```

	Party_Name	Seats_Won
►	Bharatiya Janata Party - BJP	240
	Telugu Desam - TDP	16
	Janata Dal (United) - JD(U)	12
	Shiv Sena - SHS	7
	Lok Janshakti Party(Ram Vilas) - LJPRV	5
	Janasena Party - JnP	2
	Janata Dal (Secular) - JD(S)	2
	Rashtriya Lok Dal - RLD	2
	AJSU Party - AJSUP	1
	Apna Dal (Soneylal) - ADAL	1
	Asom Gana Parishad - AGP	1
	Hindustani Awam Morcha (Secular) - ...	1
	Nationalist Congress Party - NCP	1
	Sikkim Krantikari Morcha - SKM	1

5. Total Seats Won by I.N.D.I.A. Allianz

```
SELECT SUM(CASE WHEN Party IN ( 'Indian National Congress - INC', 'Aam Aadmi Party - AAP',  
                                'All India Trinamool Congress - AITC', 'Bharat Adivasi Party - BHRTADVSIIP',  
                                '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
```

	INDIA_Total_Seats_Won
▶	234

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 - AAP',
               '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
```

	Party_Name	Seats_Won
►	Indian National Congress - INC	99
	Samajwadi Party - SP	37
	All India Trinamool Congress - AITC	29
	Dravida Munnetra Kazhagam - DMK	22
	Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	9
	Nationalist Congress Party Sharadchandra Paw...	8
	Communist Party of India (Marxist) - CPI(M)	4
	Rashtriya Janata Dal - RJD	4
	Aam Aadmi Party - AAP	3
	Indian Union Muslim League - IUML	3
	Jharkhand Mukti Morcha - JMM	3
	Communist Party of India (Marxist-Leninist) (Li...	2
	Communist Party of India - CPI	2
	Jammu & Kashmir National Conference - JKN	2
	Viduthalai Chiruthaigal Katchi - VCK	2
	Kerala Congress - KEC	1
	Marumalarchi Dravida Munnetra Kazhagam - MD...	1
	Rashtriya Loktantrik Party - RLTP	1
	Revolutionary Socialist Party - RSP	1
	Bharat Adivasi Party - BHRTADVSIP	1

7. Add new column field in table partywise_results to get the Party Allianz as NDA, INDIA 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 - AAP', 'All India Trinamool Congress - AITC',  
                'Bharat Adivasi Party - BHRTADVSIPI', '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', 'Viduthala Chiruthaigal Katchi - VCK',  
                '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' );
```

7. Add new column field in table partywise_results to get the Party Allianz as NDA, INDIA and OTHER

```
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');
```

	Party	Won	Party ID	party_alliance
►	Aam Aadmi Party - AAP	3	1	I.N.D.I.A
	All India Trinamool Congress - AITC	29	140	I.N.D.I.A
	Communist Party of India (Marxist) - CPI(M)	4	547	I.N.D.I.A
	Communist Party of India (Marxist-Leninist) (Li...	2	545	I.N.D.I.A
	Communist Party of India - CPI	2	544	I.N.D.I.A
	Dravida Munnetra Kazhagam - DMK	22	582	I.N.D.I.A
	Indian National Congress - INC	99	742	I.N.D.I.A
	Indian Union Muslim League - IUML	3	772	I.N.D.I.A
	Jammu & Kashmir National Conference - JKN	2	834	I.N.D.I.A
	Jharkhand Mukti Morcha - JMM	3	852	I.N.D.I.A
	Kerala Congress - KEC	1	911	I.N.D.I.A
	Marumalarchi Dravida Munnetra Kazhagam - MD...	1	1046	I.N.D.I.A
	Nationalist Congress Party Sharadchandra Paw...	8	3620	I.N.D.I.A
	Rashtriya Janata Dal - RJD	4	1420	I.N.D.I.A
	Rashtriya Loktantrik Party - RLTP	1	2484	I.N.D.I.A
	Revolutionary Socialist Party - RSP	1	1534	I.N.D.I.A
	Samajwadi Party - SP	37	1680	I.N.D.I.A
	Shiv Sena (Uddhav Balasaheb Thadkrey) - SHSUBT	9	3369	I.N.D.I.A
	Viduthalai Chiruthaigal Katchi - VCK	2	1847	I.N.D.I.A

7. Add new column field in table partywise_results to get the Party Allianz as NDA, INDIA and OTHER

```
UPDATE partywise_results
SET party_alliance = 'OTHER'
WHERE party_alliance IS NULL;
```

	Party	Won	Party ID	party_alliance
	Aazad Samaj Party (Kanshi Ram) - ASPKR	1	2989	OTHER
	AJSU Party - AJSUP	1	160	NDA
	All India Majlis-E-Ittehadul Muslimeen - AIMIM	1	118	OTHER
	Apna Dal (Soneylal) - ADAL	1	2070	NDA
	Asom Gana Parishad - AGP	1	83	NDA
	Bharat Adivasi Party - BHRTADVSIP	1	3482	I.N.D.I.A
	Bharatiya Janata Party - BJP	240	369	NDA
	Hindustani Awam Morcha (Secular) - HAMS	1	664	NDA
	Independent - IND	7	743	OTHER
	Janasena Party - JnP	2	860	NDA
	Janata Dal (Secular) - JD(S)	2	804	NDA
	Janata Dal (United) - JD(U)	12	805	NDA
	Lok Janshakti Party(Ram Vilas) - LJPRV	5	3165	NDA
	Nationalist Congress Party - NCP	1	1142	NDA
	Rashtriya Lok Dal - RLD	2	1458	NDA
	Shiromani Akali Dal - SAD	1	1584	OTHER
	Shiv Sena - SHS	7	3529	NDA
	Sikkim Krantikari Morcha - SKM	1	1658	NDA
	Telugu Desam - TDP	16	1745	NDA
	United People's Party, Liberal - UPPL	1	1998	OTHER
	Yuva Jana Sramika Rythu Congress Party - YSRCP	4	1888	OTHER
	Zoram People's Movement - ZPM	1	2757	OTHER

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

```
SELECT pr.party_alliance , COUNT( "Parliament Constituency") AS Seats_won
FROM partywise_results pr
JOIN constituencywise_results cr ON pr.`Party ID` = cr.`Party ID`
GROUP BY pr.party_alliance
ORDER BY Seats_won DESC;
```

	party_alliance	Seats_won
▶	NDA	292
	I.N.D.I.A	234
	OTHER	17

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, cr.`Constituency Name`, s.State
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 = 'Maharashtra' AND cr.`Constituency Name` = 'NASHIK'
LIMIT 1;
```

	Winning Candidate	Party	party_alliance	Total Votes	Margin	Constituency Name	State
▶	RAJABHAU (PARAG) PRAKASH WAJE	Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	I.N.D.I.A	616729	162001	NASHIK	Maharashtra

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

```
SELECT cd.Candidate , cd.Party ,
cr.`Constituency Name` , cd.`EVM Votes` ,
cd.`Postal Votes` , cd.`Total Votes`
FROM constituencywise_details cd
JOIN constituencywise_results cr ON
cd.`Constituency ID` = cr.`Constituency ID`
WHERE cr.`Constituency Name` = 'KALYAN'
ORDER BY cd.`Total Votes` DESC;
```

	Candidate	Party	Constituency Name	EVM Votes	Postal Votes	Total Votes
►	DR SHRIKANT EKNATH SHINDE	Shiv Sena	KALYAN	587921	1715	589636
	VAISHALI DAREKAR - RANE	Shiv Sena (Uddhav Balasaheb Thackrey)	KALYAN	379236	1256	380492
	MO. SAHABUDDIN SHAIKH SULEMANI THAKUR	Vanchit Bahujan Aaghadi	KALYAN	18697	44	18741
	NOTA	None of the Above	KALYAN	11603	83	11686
	PRASHANT RAMESH INGLE	Bahujan Samaj Party	KALYAN	11285	56	11341
	AMIT UPADHYAY	Right to Recall Party	KALYAN	4185	20	4205
	ARUN BHAURAO NITURE	Rashtriya Kisan Bahujan Party	KALYAN	2751	2	2753
	AMRISH RAJ MORAJKAR	Independent	KALYAN	2616	4	2620
	ASHWINI AMOL KENDRE	Independent	KALYAN	2461	7	2468
	NAFIS AHMED ANSARI	Independent	KALYAN	1997	3	2000
	SUSHILA KASHINATH KAMBLE	Bahujan Samaj Party (Ambedkar)	KALYAN	1847	11	1858
	ABHIJIT WAMANRAO BICHUKALE	Independent	KALYAN	1823	1	1824
	AJAY SHYAM MORYA	Independent	KALYAN	1798	4	1802
	SAMBHAJI JAGANNATH JADHAV	Sanyukt Bharat Paksh	KALYAN	1607	2	1609
	POONAM JAGANNATH BAISANE	Bahujan Republican Socialist Party	KALYAN	1376	5	1381
	CHANDRAKANT RAMBHAJI MOTE	Independent	KALYAN	1378	2	1380
	HINDURAO DADU PATIL	Rashtriya Maratha Party	KALYAN	1236	7	1243
	GAWALI PRAVIN SHIVAJI	Apni Prajahit Party	KALYAN	1080	2	1082
	ARUN VAMAN JADHAV	Independent	KALYAN	1077	5	1082
	SHRIDHAR NARAYAN SALVE	Bhim Sena	KALYAN	1068	4	1072
	SHRIKANT SHIVAJI VANJARE	Peoples Party of India (Democratic)	KALYAN	806	2	808
	PRAJAKTA NILESH YELVE	Independent	KALYAN	780	3	783
	DNYANESHWAR LOKHANDE MAHARAJ	Independent	KALYAN	738	3	741
	ADV. HITESH JAIKISHAN JESWANI	Independent	KALYAN	712	3	715
	MOHAMMAD YUSUF KHAN	Independent	KALYAN	648	5	653
	RAKESH KUMAR DHISULAL JAIN	Independent	KALYAN	599	3	602
	SHIVA KRISHNAMURTI IYER	Independent	KALYAN	435	2	437
	SALIMUDDIN KHALILUDDIN SHAIKH	Independent	KALYAN	370	1	371
	DR. SACHIN SAHEBRAO PATIL	Independent	KALYAN	346	5	351

11. Which parties won the most seats in a State, and how many seats did each party win?

```
SELECT p.Party , p.party_alliance , s.State , COUNT(DISTINCT cr.`Constituency ID`) AS Seats_won
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`
WHERE s.State = 'Maharashtra'
GROUP BY p.Party , p.Won , p.party_alliance , s.State
ORDER BY Seats_won DESC;
```

	Party	party_alliance	State	Seats_won
►	Indian National Congress - INC	I.N.D.I.A	Maharashtra	13
	Bharatiya Janata Party - BJP	NDA	Maharashtra	9
	Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	I.N.D.I.A	Maharashtra	9
	Nationalist Congress Party Sharadchandra Paw...	I.N.D.I.A	Maharashtra	8
	Shiv Sena - SHS	NDA	Maharashtra	7
	Independent - IND	OTHER	Maharashtra	1
	Nationalist Congress Party - NCP	NDA	Maharashtra	1

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,
       COUNT(DISTINCT CASE WHEN p.party_alliance = 'NDA' THEN
cr.`Parliament Constituency` END) AS  NDA_Seats_Won,
       COUNT(DISTINCT CASE WHEN p.party_alliance = 'I.N.D.I.A'
THEN cr.`Parliament Constituency` END) AS INDIA_Seats_Won,
       COUNT(DISTINCT CASE WHEN p.party_alliance = 'OTHER'
THEN cr.`Parliament Constituency` 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`
GROUP BY s.State;
```

Odisha	20	1	0
Puducherry	0	1	0
Punjab	0	10	3
Rajasthan	14	11	0
Sikkim	1	0	0
Tamil Nadu	0	39	0
Telangana	8	8	1
Tripura	2	0	0
Uttar Pradesh	36	43	1
Uttarakhand	5	0	0
West Bengal	12	30	0

State	NDA_Seats_Won	INDIA_Seats_Won	OTHER_Seats_Won
Andaman & Nicobar Islands	1	0	0
Andhra Pradesh	21	0	4
Arunachal Pradesh	2	0	0
Assam	10	3	1
Bihar	30	9	1
Chandigarh	0	1	0
Chhattisgarh	10	1	0
Dadra & Nagar Haveli and Daman &...	1	0	1
Delhi	7	0	0
Goa	1	1	0
Gujarat	25	1	0
Haryana	5	5	0
Himachal Pradesh	4	0	0
Jammu and Kashmir	2	2	1
Jharkhand	9	5	0
Karnataka	19	9	0
Kerala	1	19	0
Ladakh	0	0	1
Lakshadweep	0	1	0
Madhya Pradesh	29	0	0
Maharashtra	17	30	1
Manipur	0	2	0
Meghalaya	0	1	1
Mizoram	0	0	1
Nagaland	0	1	0

13. 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 cd.Candidate, cd.`EVM Votes` AS EVM_Votes , cr.`Constituency Name`  
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 EVM_Votes DESC  
LIMIT 10;
```

	Candidate	EVM_Votes	Constituency Name
►	SHOBHA KARANDLAJE	982805	BANGALORENORTH
	RADHESHYAM RATHIYA	806667	RAIGARH
	ANITA NAGARSINGH CHOUHAN	793432	RATLAM
	JAGADISH CHANDRA BARMA BASUNIA	785747	COOCHBEHAR
	JAGANNATH SARKAR	778046	RANAGHAT
	AMBICA G LAKSHMINARAYANA VALMIKI	755862	ANANTHAPUR
	CHHATRAPATI SHAHU SHAHAJI	750323	KOLHAPUR
	NARESH GANPAT MHASKE	732109	THANE
	SAJDA AHMED	722586	ULUBERIA
	SACHITHANANTHAM R	667391	DINDIGUL

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`;
```

	Constituency_Name	Winning_Candidate	Runnerup_Candidate
1	AHMEDNAGAR	NILESH DNYANDEV LANKE	DR. SUJAY RADHAKRISHNA VIKHEPATIL
2	AKOLA	ANUP SANJAY DHOTRE	ABHAY KASHINATH PATIL
3	AMRAVATI	BALWANT BASWANT WANKHADE	NAVNEET RAVI RANA
4	AURANGABAD	BHUMARE SANDIPANRAO ASARAM	IMTIAZ JALEEL SYED
5	BARAMATI	SUPRIYA SULE	SUNETRA AJITDADA PAWAR
6	BEED	BAJRANG MANOHAR SONWANE	PANKAJA GOPINATHRAO MUNDE
7	BHANDARAGONDIYA	DR. PRASHANT YADAORAO PADOLE	SUNIL BABURAO MENDHE
8	BHIWANDI	BALYA MAMA - SURESH GOPINATH MHATRE	KAPIL MORESHWAR PATIL
9	BULDHANA	JADHAV PRATAPRAO GANPATRAO	NARENDRA DAGDU KHEDEKAR
10	CHANDRAPUR	DHANORKAR PRATIBHA SURESH ALIAS BALUBHAU	MUNGANTIWAR SUDHIR SACCCHIDANAND
11	DHULE	BACHHAV SHOBHA DINESH	BHAMRE SUBHASH RAMRAO
12	DINDORI	BHASKAR MURLIDHAR BHAGARE	DR. BHARATI PRAVIN PAWAR
13	GADCHIROLI-CHIMUR	DR. KIRSAN NAMDEO	ASHOK MAHADEORAO NETE
14	HATKANANGALE	DHAIRYASHEEL SAMBHAJIRAO MANE	SATYAJEET BABASAHEB PATIL (AABA) SARUDKAR
15	HINGOLI	AASHTIKAR PATIL NAGESH BAPURAO	BABURAO KADAM KOHALIKAR
16	JALGAON	SMITA UDAY WAGH	KARAN BALASAHEB PATIL - PAWAR
17	JALNA	KALYAN VAJJINATHRAO KALE	DANVE RAOSAHEB DADARAO
18	KALYAN	DR. SHRIKANT EKNATH SHINDE	VAISHALI DAREKAR - RANE
19	KOLHAPUR	CHHATRAPATI SHAHU SHAHAJI	SANJAY SADASHIVRAO MANDLIK
20	LATUR	DR. KALGE SHIVAJI BANDAPPA	SUDHAKAR TUKARAM SHRANGARE
21	MADHA	MOHITE-PATIL DHAIRYASHEEL RAJSINH	RANJEETSINGH HINDURAO NAIK NIMBALKAR
22	MAVAL	SHRIRANG APPA CHANDU BARNE	SANJOG BHIKU WAGHERE PATIL
23	MUMBAINORTH	PIYUSH GOYAL	BHUSHAN PATIL
24	MUMBAINORTHCEN...	GAIKWAD VARSHA EKNATH	ADV UJWAL NIKAM
25	MUMBAINORTHEAST	SANJAY DINA PATIL	MIHIR CHANDRAKANT KOTECHEA
26	MUMBAINORTHWEST	RAVINDRA DATTARAM WAIKAR	AMOL GAJANAN KIRTIKAR
27	MUMBAISOUTH	ARVIND GANPAT SAWANT	YAMINI YASHWANT JADHAV
28	MUMBAISOUTHCEN...	ANIL YESHWANT DESAI	RAHUL RAMESH SHEWALE
29	NAGPUR	NITIN JAIRAM GADKARI	VIKAS THAKRE
30	NANDED	CHAVAN VASANTRAO BALWANTRAO	CHIKHALIKAR PRATAPRAO GOVINDRAO
31	NANDURBAR	ADV GOWAAL KAGADA PADAVI	DR. HEENA VIJAYKUMAR GAVIT
32	NASHIK	RAJABHAU (PARAG) PRAKASH WAJE	GODSE HEMANT TUKARAM
33	OSMANABAD	OMPRAKASH BHUPALSINH ALIAS PAVAN RAJENI...	ARCHANA RANAJAGJITSINH PATIL
34	PALGHAR	DR. HEMANT VISHNU SAVARA	BHARTI BHARAT KAMDI
35	PARBHANI	JADHAV SANJAY (BANDU) HARIBHAU	JANKAR MAHADEV JAGANNATH
36	PUNE	MURLIDHAR MOHOL	DHANGEKAR RAVINDRA HEMRAJ
37	RAIGAD	TATKARE SUNIL DATTATREY	ANANT GEETE
38	RAMTEK	Shyamkumar (Babalu) Daulat Barve	RAJU DEONATH PARVE
39	RATNAGIRI-SINDHU...	NARAYAN TATU RANE	VINAYAK BHAURAO RAUT
40	RAVER	KHADSE RAKSHA NIKHIL	SHRIRAM DAYARAM PATIL
41	SANGLI	VISHAL (DADA) PRAKASHBAPU PATIL	SANJAY (KAKA) PATIL
42	SATARA	SHRIMANT CHH UDAYANRAJE PRATAPSINHAMAH...	SHASHIKANT JAYVANTRAO SHINDE
43	SHIRDI	BHAUSAHEB RAJARAM WAKCHAURE	LOKHANDE SADASHIV KISAN
44	SHIRUR	DR. AMOL RAMSING KOLHE	ADHALRAO SHIVAJI DATTATREY
45	SOLAPUR	PRANITI SUSHILKUMAR SHINDE	RAM VITTHAL SATPUTE
46	THANE	NARESH GANPAT MHASKE	RAJAN BABURAO VICHARE
47	WARDHA	AMAR SHARADRAO KALE	RAMDAS CHANDRABHAN TADAS
48	YAVATMAL-WASHIM	SANJAY UTTAMRAO DESHMUKH	RAJSHRITAI HEMANT PATIL (MAHALLE)

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';
```

Total_Seats	Total_Candidates	Total_Parties	Total_Votes	Total_EVM_Votes	Total_Postal_Votes
48	1114	7	57179133	56969710	209423

THANK YOU !

Presented By - Vineet Sakhare



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<https://vineetsakhare01.github.io/Portfolio/>

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