

INDIA GENERAL ELECTIONS RESULT ANALYSIS 2024

PROBLEM STATEMENT

1.Total Seats

```
select distinct count(parliament_constituency) as Total_Seats
from constituencywise_results
```

	Total_Seats
1	543

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

```
select
s.state as State_Name,
count(cr.Constituency_ID) as Total_Seats_Available
from constituencywise_results cr
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

Order BY
s.state;
```

	State_Name	Total_Seats_Available
1	Andaman & Nicobar Islands	1
2	Andhra Pradesh	25
3	Arunachal Pradesh	2
4	Assam	14
5	Bihar	40
6	Chandigarh	1
7	Chhattisgarh	11
8	Dadra & Nagar Haveli and Daman & Diu	2
9	Delhi	7
10	Goa	2
11	Gujarat	26
12	Haryana	10
13	Himachal Pradesh	4
14	Jammu and Kashmir	5
15	Jharkhand	14
16	Karnataka	28
17	Kerala	20
18	Ladakh	1
19	Lakshadweep	1
20	Madhya Pradesh	29
21	Maharashtra	48
22	Manipur	2
23	Meghalaya	2
24	Mizoram	1
25	Nagaland	1

26	Odisha	21
27	Puducherry	1
28	Punjab	13
29	Rajasthan	25
30	Sikkim	1
31	Tamil Nadu	39
32	Telangana	17
33	Tripura	2
34	Uttar Pradesh	80
35	Uttarakhand	5
36	West Bengal	42

3. 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
partywise_results
```

	NDA_Total_Seats_Won
1	292

4. Seats Won by NDA Allianz 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
```

Results Messages		
	Party_Name	Seats_Won
1	Bharatiya Janata Party - BJP	240
2	Telugu Desam - TDP	16
3	Janata Dal (United) - JD(U)	12
4	Shiv Sena - SHS	7
5	Lok Janshakti Party(Ram V...	5
6	Janata Dal (Secular) - JD(S)	2
7	Janasena Party - JnP	2
8	Rashtriya Lok Dal - RLD	2
9	Sikkim Krantikari Morcha - ...	1
10	Nationalist Congress Party ...	1
11	Hindustani Awam Morcha (...)	1
12	Asom Gana Parishad - AGP	1
13	AJSU Party - AJSUP	1
14	Apna Dal (Soneylal) - ADAL	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 - 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

Results		Messages	
	INDIA_Total_Seats_Won		
1	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

Results Messages		
	Party_Name	Seats_Won
1	Indian National Congress - INC	99
2	Samajwadi Party - SP	37
3	All India Trinamool Congress - AITC	29
4	Dravida Munnetra Kazhagam - D...	22
5	Shiv Sena (Uddhav Balasaheb Th...	9
6	Nationalist Congress Party Shara...	8
7	Rashtriya Janata Dal - RJD	4
8	Communist Party of India (Marxist...	4
9	Aam Aadmi Party - AAP	3
10	Indian Union Muslim League - IU...	3
11	Jharkhand Mukti Morcha - JMM	3
12	Jammu & Kashmir National Confe...	2
13	Communist Party of India - CPI	2
14	Communist Party of India (Marxist...	2
15	Viduthalai Chiruthaigal Katchi - VCK	2
16	Rashtriya Loktantrik Party - RLTP	1
17	Revolutionary Socialist Party - RSP	1
18	Bharat Adivasi Party - BHRTADV...	1
19	Kerala Congress - KEC	1
20	Marumalarchi Dravida Munnetra K...	1

7. 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);
```

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 - 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',
    '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',
    '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 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
```

Results Messages		
	party_alliance	(No column name)
1	I.N.D.I.A	234
2	NDA	292
3	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 statewide_results sr ON cr.Parliament_Constituency = sr.Parliament_Constituency
JOIN states s ON sr.State_ID = s.State_ID
WHERE s.State = 'Uttar Pradesh' AND cr.Constituency_Name = 'AMETHI';
```

	Winning_Candidate	Party	party_alliance	Total_Votes	Margin	Constituency_Name	State
1	KISHORI LAL	Indian National Congress - INC	I.N.D.I.A	539228	167196	AMETHI	Uttar Pradesh

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
JOIN
```

```

constituencywise_results cr ON cd.Constituency_ID = cr.Constituency_ID
WHERE
cr.Constituency_Name = 'MATHURA'
ORDER BY cd.Total_Votes DESC;

```

Results Messages						
	Candidate	Party	EVM_Votes	Postal_Votes	Total_Votes	Constituency_Name
1	HEMAMALINI DHARMENDRA DEOL	Bharatiya Janata Party	507535	2529	510064	MATHURA
2	MUKESH DHANGAR	Indian National Congress	216043	614	216657	MATHURA
3	SURESH SINGH	Bahujan Samaj Party	188152	265	188417	MATHURA
4	BHANU PRATAP SINGH	Independent	15640	25	15665	MATHURA
5	NOTA	None of the Above	4527	36	4563	MATHURA
6	RAKESH KUMAR	Independent	4492	2	4494	MATHURA
7	JAGDISH PRASAD KAUSHIK ADV...	Rashtriya Samta Vikas ...	3567	8	3575	MATHURA
8	RAVI VERMA	Independent	2724	0	2724	MATHURA
9	SHIKHA SHARMA	Independent	2246	5	2251	MATHURA
10	KAMAL KANT SHARMA	Independent	1491	12	1503	MATHURA
11	YOGESH KUMAR TALAN	Independent	1491	2	1493	MATHURA
12	MONI FALHARI BAPU	Independent	1322	4	1326	MATHURA
13	KSHETRA PAL SINGH	Independent	1206	5	1211	MATHURA
14	DR. RASHMI YADAV	Independent	1183	6	1189	MATHURA
15	PRAVESHANAND PURI	Independent	1081	4	1085	MATHURA
16	SURESH CHANDRA VAGHEL	Rashtriya Shoshit Sam...	822	7	829	MATHURA

11. 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

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 = 'Bihar'

GROUP BY

p.Party

ORDER BY

Seats_Won DESC;

```


	Party	Seats_Won
1	Bharatiya Janata Party - BJP	12
2	Janata Dal (United) - JD(U)	12
3	Lok Janshakti Party(Ram V...	5
4	Rashtriya Janata Dal - RJD	4
5	Indian National Congress - ...	3
6	Communist Party of India (...)	2
7	Hindustani Awam Morcha (...)	1
8	Independent - IND	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 AS State_Name,

SUM(CASE WHEN pr.party_alliance = 'NDA' THEN 1 ELSE 0 END) AS NDA_Seats_Won,

SUM(CASE WHEN pr.party_alliance = 'I.N.D.I.A' THEN 1 ELSE 0 END) AS INDIA_Seats_Won,

SUM(CASE WHEN pr.party_alliance = 'OTHER' THEN 1 ELSE 0 END) AS OTHER_Seats_Won

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

pr.party_alliance IN ('NDA', 'I.N.D.I.A', 'OTHER') -- Filter for NDA and INDIA alliances

GROUP BY

s.State

ORDER BY

s.State;

Results		Messages		
	State_Name	NDA_Seats_Won	INDIA_Seats_Won	OTHER_Seats_Won
1	Andaman & Nicobar Islands	1	0	0
2	Andhra Pradesh	21	0	4
3	Arunachal Pradesh	2	0	0
4	Assam	10	3	1
5	Bihar	30	9	1
6	Chandigarh	0	1	0
7	Chhattisgarh	10	1	0
8	Dadra & Nagar Haveli and...	1	0	1
9	Delhi	7	0	0
10	Goa	1	1	0
11	Gujarat	25	1	0
12	Haryana	5	5	0
13	Himachal Pradesh	4	0	0
14	Jammu and Kashmir	2	2	1
15	Jharkhand	9	5	0
16	Karnataka	19	9	0
17	Kerala	1	19	0
18	Ladakh	0	0	1
19	Lakshadweep	0	1	0
20	Madhya Pradesh	29	0	0
21	Maharashtra	17	30	1
22	Manipur	0	2	0
23	Meghalaya	0	1	1
24	Mizoram	0	0	1
25	Nagaland	0	1	0
26	Odisha	20	1	0
27	Puducherry	0	1	0
28	Punjab	0	10	3
29	Rajasthan	14	11	0
30	Sikkim	1	0	0
31	Tamil Nadu	0	39	0
32	Telangana	8	8	1
33	Tripura	2	0	0
34	Uttar Pradesh	36	43	1
35	Uttarakhand	5	0	0
36	West Bengal	12	30	0

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

SELECT TOP 10

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;

	Constituency_Name	Constituency_ID	Candidate	EVM_Votes
1	DHUBRI	S032	RAKIBUL HUSSAIN	1468549
2	INDORE	S1226	SHANKAR LALW...	1223746
3	VIDISHA	S1218	SHIVRAJ SINGH ...	1111556
4	BANGALORERU...	S1023	DR C N MANJUNA...	1075553
5	RAIPUR	S268	BRIJMOHAN AGR...	1047447
6	DIAMONDHARB...	S2521	ABHISHEK BANE...	1043493
7	NAVSARI	S0625	C R PATIL	1023366
8	GANDHINAGAR	S066	AMIT SHAH	999984
9	BANGALORENO...	S1024	SHOBHA KARAN...	982805
10	MALKAJGIRI	S297	EATALA RAJEND...	980712

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 = 'Bihar'

)

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	ARARIA	PRADEEP KUMAR SINGH	SHAHNAWAZ
2	ARRAH	SUDAMA PRASAD	R. K. SINGH
3	AURANGABAD	ABHAY KUMAR SINHA	SUSHIL KUMAR SINGH
4	BANKA	GIRIDHARI YADAV	JAI PRAKASH NARAYAN YADAV
5	BEGUSARAI	GIRIRAJ SINGH	ABDHESH KUMAR ROY
6	BHAGALPUR	AJAY KUMAR MANDAL	AJEET SHARMA
7	BUXAR	SUDHAKAR SINGH	MITHILESH TIWARI
8	DARBHANGA	GOPAL JEE THAKUR	LALIT KUMAR YADAV
9	GAYA	JITAN RAM MANJHI	KUMAR SARVJEET
10	GOPALGANJ	DR. ALOK KUMAR SUM...	PREM NATH CHANCHAL ALIAS...
11	HAJIPUR	CHIRAG PASWAN	SHIV CHANDRA RAM
12	JAHANABAD	SURENDRA PRASAD Y...	CHANDESHWAR PRASAD
13	JAMUI	ARUN BHARTI	ARCHANA KUMARI
14	JHANJHARPUR	RAMPRIIT MANDAL	SUMAN KUMAR MAHASETH
15	KARAKAT	RAJA RAM SINGH	PAWAN SINGH
16	KATIHAR	TARIQ ANWAR	DULAL CHANDRA GOSWAMI
17	KHAGARIA	RAJESH VERMA	SANJAY KUMAR
18	KISHANGANJ	MOHAMMAD JAWED	MUJAHID ALAM
19	MADHEPURA	DINESH CHANDRA YAD...	DA KUMAR CHANDRADEEP
20	MADHUBANI	ASHOK KUMAR YADAV	MD ALI ASHRAF FATMI
21	MAHARAJGANJ	JANARDAN SINGH "SIG...	AAKASH KUMAR SINGH
22	MUNGER	RAJIV RANJAN SINGH ...	KUMARI ANITA
23	MUZAFFARPUR	RAJ BHUSHAN CHOUD...	AJAY NISHAD
24	NALANDA	KAUSHALENDRA KUMAR	DR. SANDEEP SAURAV
25	NAWADA	VIVEK THAKUR	SHRAWAN KUMAR
26	PASCHIMCHAMP...	DR.SANJAY JAISWAL	MADAN MOHAN TIWARI
27	PATLIPUTRA	MISHA BHARTI	RAM KRIPAL YADAV
28	PATNASAHIB	RAVI SHANKAR PRASAD	ANSHUL AVIJIT
29	PURNIA	RAJESH RANJAN ALIAS...	SANTOSH KUMAR
30	PURVICHAMPAR...	RADHA MOHAN SINGH	DR RAJESH KUMAR
31	SAMASTIPUR	SHAMBHAVI	SUNNY HAZARI
32	SARAN	RAJIV PRATAP RUDY	ROHINI ACHARYA
33	SASARAM	MANOJ KUMAR	SHIVESH KUMAR
34	SHEOHAR	LOVELY ANAND	RITU JAISWAL
35	SITAMARHI	DEVESH CHANDRA TH...	ARJUN RAY
36	SIWAN	VIJAYLAKSHMI DEVI	HENA SHAHAB
37	SUPAUL	DILESHWAR KAMAIT	CHANDRAHAS CHAUPAL
38	UJIARPUR	NITYANAND RAI	ALOK KUMAR MEHTA
39	VAISHALI	VEENA DEVI	VIJAY KUMAR SHUKLA
40	VALMIKINAGAR	SUNIL KUMAR	DEEPAK YADAV

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 = 'Bihar';

```

	Total_Seats	Total_Candidates	Total_Parties	Total_Votes	Total_EVM_Votes	Total_Postal_Votes
1	40	481	8	43448949	43309971	138978

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