

INDIA GENERAL ELECTIONS RESULT ANALYSIS 2024

```
CREATE database election_2024;
USE election_2024;
SELECT * FROM constituencywise_results;
SELECT * FROM constituencywise_details;
SELECT * FROM partywise_results;
SELECT * FROM states;
SELECT * FROM statewide_results;
```

---- [QUERY]

-- Total Seats

```
SELECT
    COUNT(DISTINCT(Parliament_Constituency)) as Total_Seat
FROM
    constituencywise_results;
```

----- [QUERY OUTPUT]

	Total_Seat
▶	543

----- [QUERY]

-- 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 statewide_results sr
    ON cr.Parliament_Constituency = sr.Parliament_Constituency
JOIN states s
    ON sr.State_ID = s.State_ID
GROUP BY 1
ORDER BY 1;
```

----- [QUERY OUTPUT]

	State_Name	Total_Seats_Available
▶	Andaman & Nicobar Islands	1
	Andhra Pradesh	25
	Arunachal Pradesh	2
	Assam	14
	Bihar	40
	Chandigarh	1
	Chhattisgarh	11
	Dadra & Nagar Haveli and Daman &...	2
	Delhi	7
	Goa	2
	Gujarat	26
	Haryana	10
	Himachal Pradesh	4
	Jammu and Kashmir	5
	Jharkhand	14
	Karnataka	28
	Kerala	20
	Ladakh	1
	Lakshadweep	1

----[QUERY]

-- Total Seats Won by NDA Allianz

```
WITH draft_t as (  
SELECT *,  
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  
)  
SELECT SUM(won) AS NDA_Total_Seats_Won  
FROM draft_t  
WHERE NDA_Total_Seats_Won = Won;
```

----[QUERY OUTPUT]

	NDA_Total_Seats_Won
▶	292

----[QUERY]

-- 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;
```

----- [QUERY OUTPUT]

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

----- [QUERY]

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

WITH draft_t as (

SELECT *,

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 NDA_Total_Seats_Won

FROM

partywise_results

)

SELECT SUM(won)

FROM draft_t

WHERE NDA_Total_Seats_Won = Won;

----- [QUERY OUTPUT]

SUM(won)
234

-----[QUERY]

-- 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;

-----[QUERY OUTPUT]

	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

-----[QUERY]

-- 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);
```

Party	Won	Party_ID	party_alliance
Nationalist Congress Party - NCP	1	1142	NULL
Rashtriya Lok Dal - RLD	2	1458	NULL
Shiromani Akali Dal - SAD	1	1584	NULL
Shiv Sena - SHS	7	3529	NULL
Sikkim Krantikari Morcha - SKM	1	1658	NULL

[QUERY OUTPUT]

```
SET SQL_SAFE_UPDATES = 0;
SET SQL_SAFE_UPDATES = 1;
```

```
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'
);
```

Party	Won	Party_ID	party_alliance
Samajwadi Party - SP	37	1680	I.N.D.I.A
Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	9	3369	I.N.D.I.A
Viduthalai Chiruthaigal Katchi - VCK	2	1847	I.N.D.I.A
Aazad Samaj Party (Kanshi Ram) - ASPKR	1	2989	NULL
AJSU Party - AJSUP	1	160	NULL
All India Majlis-E-Ittehadul Muslimeen - AIMIM	1	118	NULL
Apna Dal (Soneylal) - ADAL	1	2070	NULL
Asom Gana Parishad - AGP	1	83	NULL
Bharat Adivasi Party - BHRTADVSIPI	1	3482	I.N.D.I.A
Bharatiya Janata Party - BJP	240	369	NULL
Hindustani Awam Morcha (Secular) - HAMS	1	664	NULL
Independent - IND	7	743	NULL
Tanaseena Party - InP	2	860	NULL

partywise_results 29 x

[QUERY OUTPUT]

```
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
Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	9	3369	I.N.D.I.A
Viduthalai Chiruthaigal Katchi - VCK	2	1847	I.N.D.I.A
Aazad Samaj Party (Kanshi Ram) - ASPKR	1	2989	NULL
AJSU Party - AJSUP	1	160	NDA
All India Majlis-E-Ittehadul Muslimeen - AIMIM	1	118	NULL
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

[QUERY OUTPUT]

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

Party	Won	Party_ID	party_alliance
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

[QUERY OUTPUT]

----- [QUERY]

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

```
SELECT
    p.party_alliance,
    COUNT(cr.Constituency_ID) AS Seats_Won
FROM
    constituencywise_results cr
JOIN
    partywise_results p
    ON cr.Party_ID = p.Party_ID
WHERE p.party_alliance IN ('NDA', 'I.N.D.I.A', 'OTHER')
GROUP BY p.party_alliance
ORDER BY Seats_Won DESC;
```

----- [QUERY OUTPUT]

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

-----[QUERY]

-- 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 = 'Madhya Pradesh' AND cr.Constituency_Name = 'INDORE';
```

-----[QUERY OUTPUT]

	Winning_Candidate	Party	party_alliance	Total_Votes	Margin	Constituency_Name	State
▶	SHANKAR LALWANI	Bharatiya Janata Party - BJP	NDA	1226751	1175092	INDORE	Madhya Pradesh

-----[QUERY]

-- 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_results cr
LEFT JOIN constituencywise_details cd
    ON cr.Constituency_ID = cd.Constituency_ID
WHERE cr.Constituency_Name = 'UDHAMPUR'
ORDER BY cd.Total_Votes DESC;
```

-----[QUERY OUTPUT]

	Candidate	Party	EVM_Votes	Postal_Votes	Total_Votes	Constituency_Name
▶	DR. JITENDRA SINGH	Bharatiya Janata Party	566833	4243	571076	UDHAMPUR
	CH LAL SINGH	Indian National Congress	444151	2552	446703	UDHAMPUR
	GHULAM MOHD SAROORI	Independent	39519	80	39599	UDHAMPUR
	NOTA	None of the Above	12891	47	12938	UDHAMPUR
	MEHRAJ DIN	Independent	9055	27	9082	UDHAMPUR
	AMIT KUMAR	Bahujan Samaj Party	8559	83	8642	UDHAMPUR
	MOHD ALI GUJJAR	Independent	7139	19	7158	UDHAMPUR
	MANOJ KUMAR	Ekam Sanatan Bharat Dal	6778	56	6834	UDHAMPUR
	BALWAN SINGH	Jammu & Kashmir National Panthers Party (Bhim)	3243	40	3292	UDHAMPUR
	SWARN VEER SINGH JARAL	Independent	3071	3243	3088	UDHAMPUR
	DR PANKAJ SHARMA	Independent	2201	46	2247	UDHAMPUR
	RAJESH MANCHANDA	Independent	1575	30	1605	UDHAMPUR
	SACHIN GUPTA	Independent	1457	6	1463	UDHAMPUR

-----[QUERY]

-- 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 = 'Odisha'
GROUP BY p.Party
ORDER BY Seats_Won DESC;
```

-----[QUERY OUTPUT]

	Party	Seats_Won
▶	Bharatiya Janata Party - BJP	20
	Indian National Congress - INC	1

-----[QUERY]

-- 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;
```

-----[QUERY OUTPUT]

	State_Name	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

---- [QUERY]

-- 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;
```

---- [QUERY OUTPUT]

	Constituency_Name	Constituency_ID	Candidate	EVM_Votes
▶	BANGALORENORTH	S1024	SHOBHA KARANDLAJE	982805
	RAIGARH	S262	RADHESHYAM RATHIYA	806667
	RATLAM	S1224	ANITA NAGARSINGH CHOUHAN	793432
	COOCHBEHAR	S251	JAGADISH CHANDRA BARMA BASUNIA	785747
	RANAGHAT	S2513	JAGANNATH SARKAR	778046
	ANANTHAPUR	S0119	AMBICA G LAKSHMINARAYANA VALMIKI	755862
	KOLHAPUR	S1347	CHHATRAPATI SHAHU SHAHAJI	750323
	THANE	S1325	NARESH GANPAT MHASKE	732109
	ULUBERIA	S2526	SAJDA AHMED	722586
	DINDIGUL	S2222	SACHITHANANTHAM R	667391

---- [QUERY]

-- 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 statewide_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;

```

----- [QUERY OUTPUT]

	Constituency_Name	Winning_Candidate	Runnerup_Candidate
►	KALYAN	DR SHRIKANT EKNATH SHINDE	VAISHALI DAREKAR - RANE
	KOLHAPUR	CHHATRAPATI SHAHU SHAHAJI	SANJAY SADASHIVRAO MANDLIK
	THANE	NARESH GANPAT MHASKE	RAJAN BABURAO VICHARE

----- [QUERY]

-- For the state of Madhya Pradesh, 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?

```

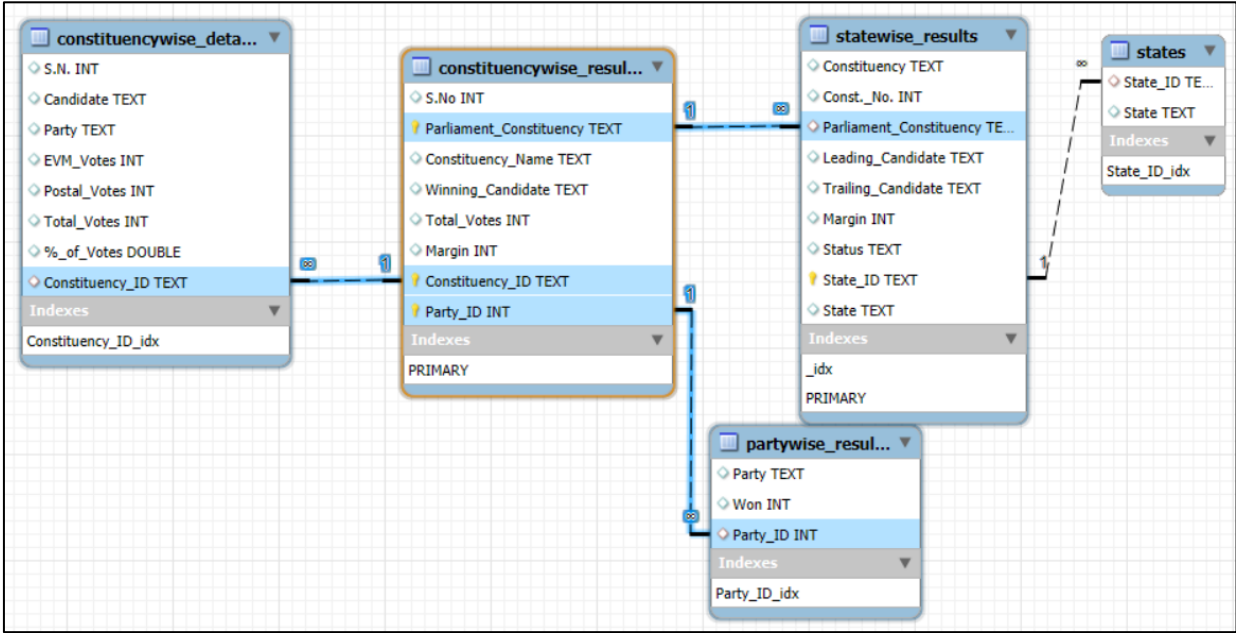
SELECT
    COUNT(DISTINCT cr.Constituency_ID) AS Total_Seats,
    COUNT(DISTINCT cd.Candidate) AS Total_Candidates,
    COUNT(DISTINCT p.Party) AS Total_Parties,
    SUM(cd.EVM_Votes + cd.Postal_Votes) AS Total_Votes,
    SUM(cd.EVM_Votes) AS Total_EVM_Votes,
    SUM(cd.Postal_Votes) AS Total_Postal_Votes
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 = 'Madhya Pradesh';

```

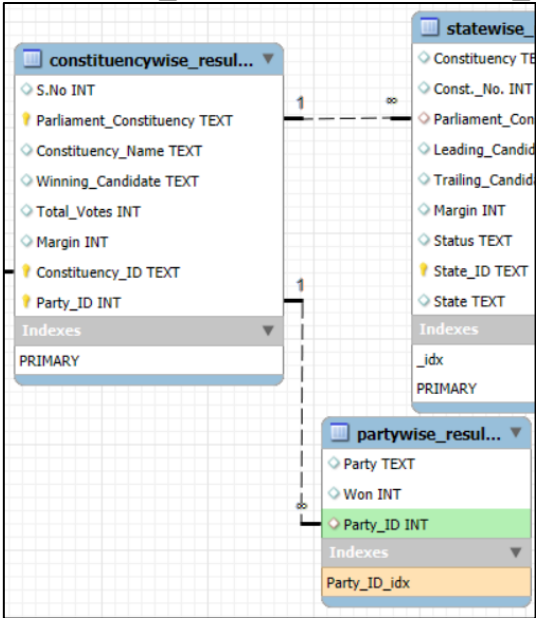
----- [QUERY OUTPUT]

	Total_Seats	Total_Candidates	Total_Parties	Total_Votes	Total_EVM_Votes	Total_Postal_Votes
►	1	13	1	1532643	1528176	4467

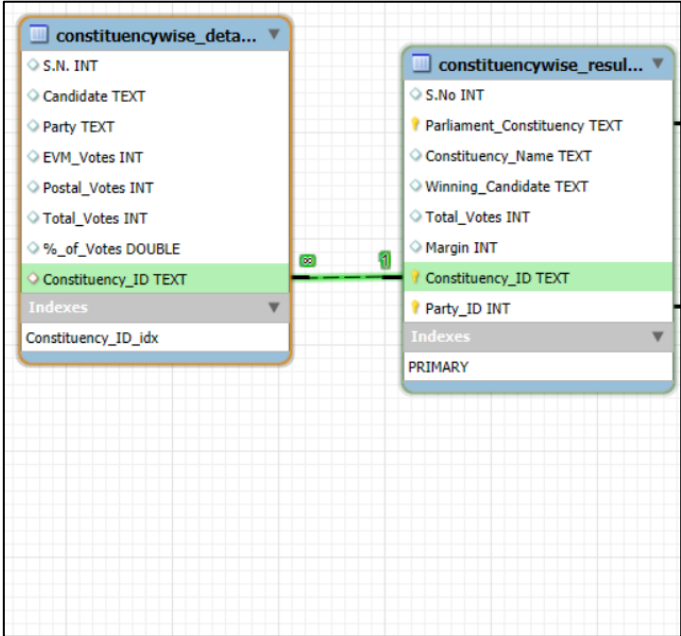
ENTITY-RELATION DIAGRAM



Constituencywise_results -> partywise_result



Constituencywise_result -> Constituencywise_details



Constituencywise_results -> statewise_results -> states

