

Lok Sabha Election 2024 Results Analysis

Using MySQL



Objective

- **Welcome to the Data Analysis Report on the Lok Sabha Election Results 2024.**
- **This project provides a comprehensive analysis of the 2024 Lok Sabha election results, highlighting key insights into voting patterns, demographic influences, regional trends, and more.**
- **Investigate key features, such as constituency-wise results, leading parties, and candidate performance.**
- **Calculate metrics like the margin of victory in different constituencies.**
- **Compare performance between leading and trailing parties.**

DataBase Schema

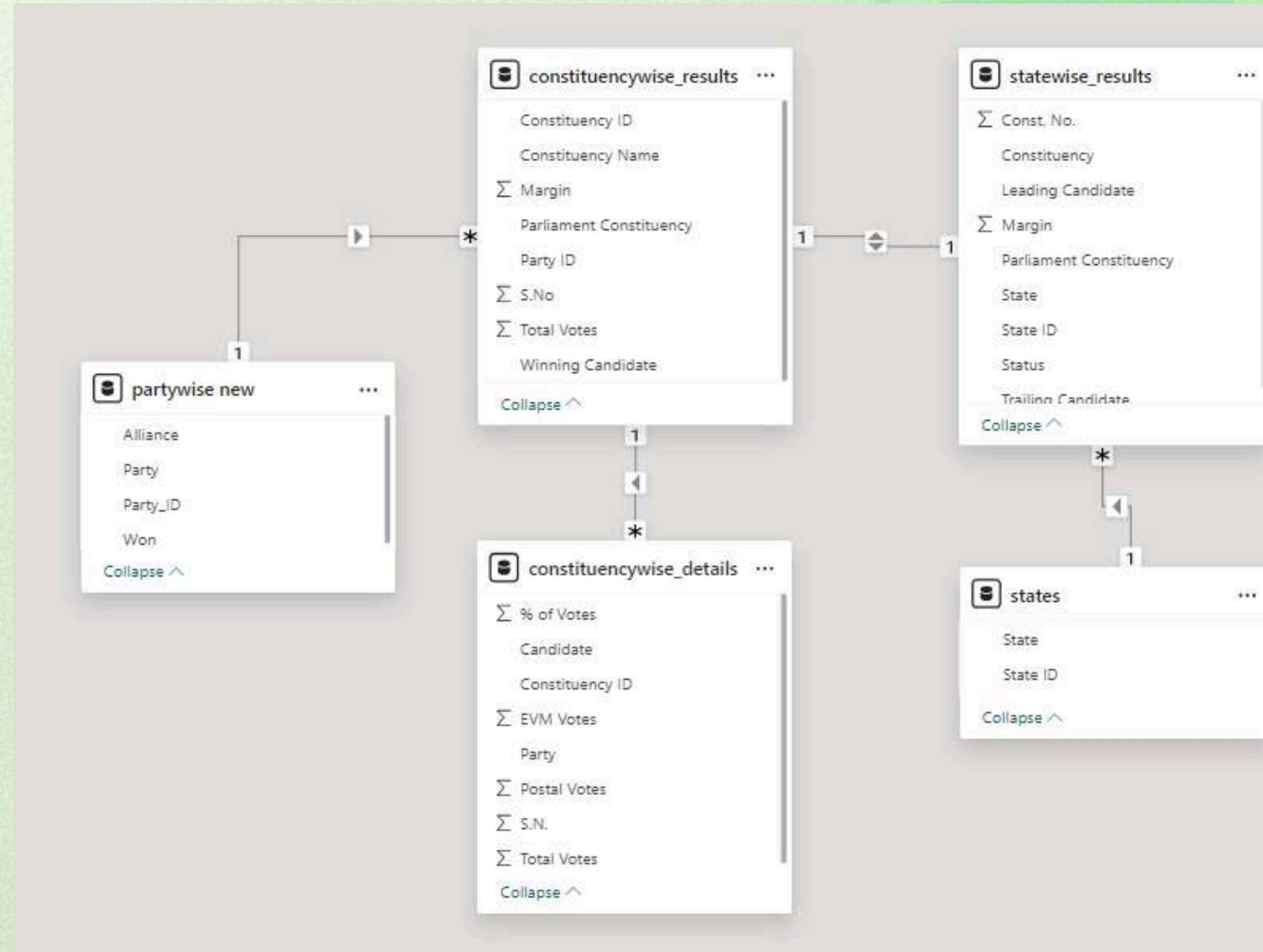


Table Details

- **partywise_results:** This table provides an overview of the election results for each political party, including the number of seats won and the party's alliance affiliation.
- **constituencywise_details:** This table contains detailed voting information for each candidate in a parliamentary constituency, including the number of EVM and postal votes, total votes, and percentage of votes.
- **constituencywise_results:** This table records the results for each parliamentary constituency, including the winning candidate, total votes received, and the margin of victory.
- **statewise_results:** This table shows the constituency-level results by state, including the leading and trailing candidates, vote margins, and constituency status. It provides insights into the election outcomes for each state.
- **states:** This table contains state name and their ID.

Number of lok sabha seats in each state

```
SELECT
    s.State AS State_name,
    COUNT(sr.Parliament_Constituency) AS Total_seats
FROM
    states s
    JOIN
    statewise_results sr ON s.State_ID = sr.State_ID
GROUP BY State_name
ORDER BY Total_seats DESC;
```

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

Total Seats Won by NDA Alliance Parties



```
SELECT
    Party,
    sum(Won) AS NDA_Seats_Won
FROM
    partywise_results
WHERE
    Alliance = 'NDA'
group by Party
order by NDA_Seats_Won desc;
```

Party	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
Janata Dal (Secular) - JD(S)	2
Janasena Party - JnP	2
Rashtriya Lok Dal - RLD	2
Asom Gana Parishad - AGP	1
AJSU Party - AJSUP	1
Hindustani Awam Morcha (Secular) - ...	1
Nationalist Congress Party - NCP	1
Sikkim Krantikari Morcha - SKM	1
United People's Party, Liberal - UPPL	1
Apna Dal (Soneylal) - ADAL	1

Total Seats Won by I.N.D.I.A Alliance Parties

```
SELECT
    Party,
    sum(Won) AS Seats_Won
FROM
    partywise_results
WHERE
    Alliance = 'I.N.D.I.A'
group by Party
order by Seats_Won desc;
```



Party	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 - IUMML	3
Jharkhand Mukti Morcha - JMM	3
Communist Party of India - CPI	2
Communist Party of India (Marxist-Leninist) (Li...	2
Jammu & Kashmir National Conference - JKN	2
Viduthala Chiruthaigal Katchi - VCK	2
Kerala Congress - KEC	1
Marumalarchi Dravida Munnetra Kazhagam - MD...	1

Winning candidate's name, their party name, total votes, and the margin of victory for a specific constituency?

```
SELECT
    sr.State,
    cr.Constituency_Name,
    cr.Winning_Candidate,
    pr.Party,
    cr.Total_Votes,
    cr.Margin as Winning_Margin
FROM
    partywise_results pr
    JOIN
    constituencywise_results cr ON pr.Party_ID = cr.Party_ID
    JOIN
    statewise_results sr ON sr.Parliament_Constituency = cr.Parliament_Constituency
WHERE
    cr.Constituency_Name = 'medak';
```

State	Constituency_Name	Winning_Candidate	Party	Total_Votes	Winning_Margin
Telangana	MEDAK	MADHAVANENI RAGHUNANDAN RAO	Bharatiya Janata Party - BJP	471217	39139

Distribution of EVM votes versus postal votes for candidates in a specific constituency

```
SELECT
    cr.Constituency_Name,
    cd.Candidate,
    cd.Party,
    cd.EVM_Votes,
    cd.Postal_Votes,
    cd.Total_Votes
FROM
    constituencywise_details cd
    JOIN
    constituencywise_results cr ON cr.Constituency_ID = cd.Constituency_ID
WHERE
    cr.Constituency_Name = 'medak';
```

Constituency_Name	Candidate	Party	EVM_Votes	Postal_Votes	Total_Votes
MEDAK	MADHAVANENI RAGHUNANDAN RAO	Bharatiya Janata Party	463777	7440	471217
MEDAK	NEELAM MADHU	Indian National Congress	427899	4179	432078
MEDAK	P. VENKATRAMA REDDY	Bharat Rashtra Samithi	395250	1540	396790
MEDAK	NANDA KISHORE TALLADA	Alliance of Democratic Reforms Party	17191	25	17216
MEDAK	SARA YADAGIRI GOUD	Praja Velugu Party	11056	4	11060
MEDAK	BODAPATLA ESHWAR	Bahujan Samaj Party	7423	40	7463
MEDAK	DUBALA SRI SAILAM	Independent	5161	5	5166
MEDAK	ADLA KUMAR	Independent	5113	3	5116
MEDAK	NOTA	None of the Above	4582	35	4617
MEDAK	BANDAPALLY SRINIVAS	Socialist Unity Centre Of India (COMMUNIST)	2366	0	2366
MEDAK	ANIL GOUD	Bharat Jodo Party	2128	4	2132
MEDAK	ABHILASH CHELIMELA	Independent	2031	0	2031
MEDAK	ATI ANJANEYULU	Independent	2029	9	2038
MEDAK	MAISANGARI SUNIL	India Praja Bandhu Party	2009	2	2011
MEDAK	PRADEEP	Independent	2006	4	2010
MEDAK	INDRAGOUD SILIVERI	National Nava Kranthi Party	1773	1	1774
MEDAK	NAGAMANI ACHA	Independent	1538	2	1540

How many seats did each party won in a specific state

```
SELECT
    pr.Party, COUNT(cr.Constituency_ID) AS Seats_won
FROM
    statewise_results sr
    JOIN
    constituencywise_results cr ON
    cr.Parliament_Constituency = sr.Parliament_Constituency
    JOIN
    partywise_results pr ON pr.Party_ID = cr.Party_ID
WHERE
    sr.State = 'bihar'
GROUP BY pr.Party
ORDER BY Seats_won DESC;
```

Party	Seats_won
Bharatiya Janata Party - BJP	12
Janata Dal (United) - JD(U)	12
Lok Janshakti Party(Ram Vilas) - LJPRV	5
Rashtriya Janata Dal - RJD	4
Indian National Congress - INC	3
Communist Party of India (Marxist-Leninist) (Li...	2
Hindustani Awam Morcha (Secular) - HAMS	1
Independent - IND	1

Total number of seats won by each party alliance (NDA, I.N.D.I.A, and OTHER) in each state

```
SELECT
    sr.State,
    SUM(CASE
        WHEN pr.Alliance = 'NDA' THEN 1
        ELSE 0
    END) AS 'NDA_Seats_won',
    SUM(CASE
        WHEN pr.Alliance = 'I.N.D.I.A' THEN 1
        ELSE 0
    END) AS 'I.N.D.I.A_Seats_won',
    SUM(CASE
        WHEN pr.Alliance = 'other' THEN 1
        ELSE 0
    END) AS 'Other_Seats_won',
    count(cr.Constituency_ID) as Total_Seats
FROM
    partywise_results pr
    JOIN
    constituencywise_results cr ON cr.Party_ID = pr.Party_ID
    JOIN
    statewise_results sr ON sr.Parliament_Constituency = cr.Parliament_Constituency
GROUP BY sr.State
ORDER BY Total_Seats desc;
```


Output

State	NDA_Seats_won	I.N.D.I.A_Seats_won	Other_Seats_won	Total_Seats
Uttar Pradesh	36	43	1	80
Maharashtra	17	30	1	48
West Bengal	12	30	0	42
Bihar	30	9	1	40
Tamil Nadu	0	39	0	39
Madhya Pradesh	29	0	0	29
Karnataka	19	9	0	28
Gujarat	25	1	0	26
Rajasthan	14	11	0	25
Andhra Pradesh	21	0	4	25
Odisha	20	1	0	21
Kerala	1	19	0	20
Telangana	8	8	1	17
Assam	11	3	0	14
Jharkhand	9	5	0	14
Punjab	0	10	3	13
Chhattisgarh	10	1	0	11

State	NDA_Seats_won	I.N.D.I.A_Seats_won	Other_Seats_won	Total_Seats
Haryana	5	5	0	10
Delhi	7	0	0	7
Uttarakhand	5	0	0	5
Jammu and Kas...	2	2	1	5
Himachal Pradesh	4	0	0	4
Arunachal Prad...	2	0	0	2
Dadra & Nagar ...	1	0	1	2
Manipur	0	2	0	2
Goa	1	1	0	2
Meghalaya	0	1	1	2
Tripura	2	0	0	2
Andaman & Nic...	1	0	0	1
Chandigarh	0	1	0	1
Ladakh	0	0	1	1
Lakshadweep	0	1	0	1
Mizoram	0	0	1	1
Nagaland	0	1	0	1

THANK YOU!