

INDIA GENERAL ELECTIONS RESULT ANALYSIS 2024

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Introduction

Project Introduction: SQL Election Data Analysis

This project utilizes SQL to analyze election results, focusing on the performance of the National Democratic Alliance (NDA).

Through SQL queries, we calculate key metrics such as **seats** won and regional performance across constituencies.

The analysis provides valuable insights into voting patterns and party success in recent elections, offering a data-driven perspective on electoral outcomes.



Election 2024 Announcement

-- Total seats from parliament constituency

```
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
```

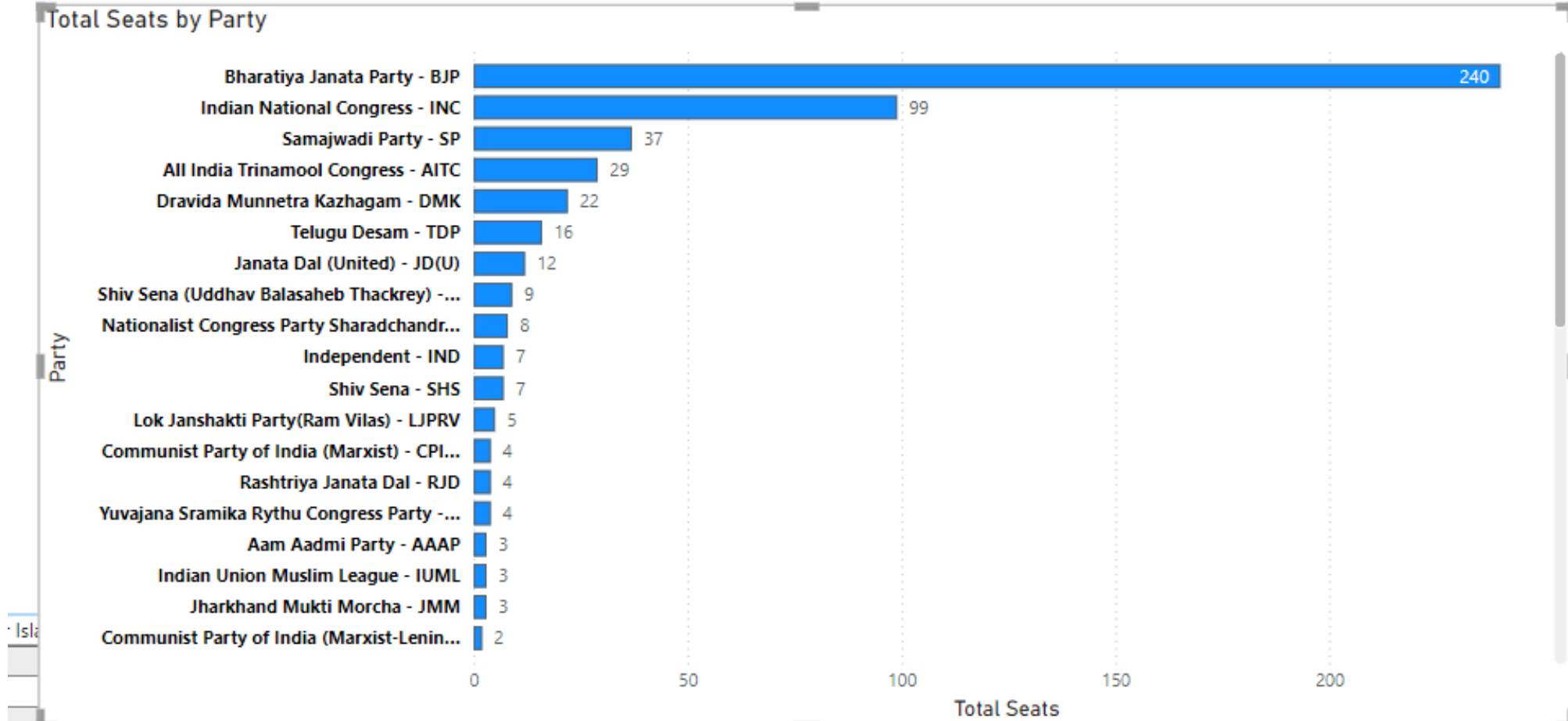
	Total_Seats
1	543

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
```

	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 Vilas) - LJPRV	5
6	Janata Dal (Secular) - JD(S)	2
7	Janasena Party - JnP	2
8	Rashtriya Lok Dal - RLD	2
9	Sikkim Krantikari Morcha - SKM	1
10	Nationalist Congress Party - NCP	1
11	Hindustani Awam Morcha (Secular) - ...	1
12	Asom Gana Parishad - AGP	1
13	AJSU Party - AJSUP	1
14	Apna Dal (Soneylal) - ADAL	1

Total seats





Parliament Of India Structure

Parliament Of India Structure

The
President

Council Of States
(Rajya Sabha)

House Of People
(Lok Sabha)

Not More Than 250 Members

Not More Than 545 Members

12 **Nominated** By
President

Not More Than 238
Representatives Of States
& UTS

Not More Than 530
Members Elected By People
& 2 **Nominated** By
Anglo-indian Representative

Not **More Than**
13 From UTs

NDA total seats won

```
--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;
```

Results		Messages	
		NDA_Total_Seats_Won	
1		292	

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

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

```
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'
```

	Party_Name	Seats_Won
1	Bharatiya Janata Party - BJP	240
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7	Janasena Party - JnP	2
8	Rashtriya Lok Dal - RLD	2
9	Sikkim Krantikari Morcha - SKM	1
10	Nationalist Congress Party - NCP	1
11	Hindustani Awam Morcha (Secular) - ...	1
12	Asom Gana Parishad - AGP	1
13	AJSU Party - AJSUP	1
14	Apna Dal (Soneylal) - ADAL	1

Seats Won by I.N.D.I.A. Allianz Parties

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

```

ELECT
SUM(CASE
    '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
    
```

	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 - DMK	22
5	Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	9
6	Nationalist Congress Party Sharadchandra Pawar - ...	8
7	Rashtriya Janata Dal - RJD	4
8	Communist Party of India (Marxist) - CPI(M)	4
9	Aam Aadmi Party - AAP	3
10	Indian Union Muslim League - IUML	3
11	Jharkhand Mukti Morcha - JMM	3
12	Jammu & Kashmir National Conference - JKN	2
13	Communist Party of India - CPI	2
14	Communist Party of India (Marxist-Leninist) (Liber...	2
15	Viduthalai Chiruthaigal Katchi - VCK	2
16	Rashtriya Loktantrik Party - RLTP	1
17	Revolutionary Socialist Party - RSP	1
18	Bharat Adivasi Party - BHRTADVSIP	1
19	Kerala Congress - KEC	1
20	Marumalarchi Dravida Munnetra Kazhagam - MDMK	1

--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
  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 cr.Constituency_Name = 'GHAZIABAD'
```

Results		Messages						
	Winning_Candidate	Party	party_alliance	Total_Votes	Margin	Constituency_Name	State	
1	ATUL GARG	Bharatiya Janata Party - BJP	NDA	854170	336965	GHAZIABAD	Uttar Pradesh	

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

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

.00 %					
Results Messages					
	EVM_Votes	Postal_Votes	Total_Votes	candidate	constituency_Name
1	536680	2548	539228	KISHORI LAL	AMETHI
2	370754	1278	372032	SMRITI IRANI	AMETHI
3	34418	116	34534	NANHE SINGH CHAUHAN	AMETHI
4	5699	0	5699	SURENDRA KUMAR	AMETHI
5	4569	8	4577	DINESH CHANDRA MAURYA	AMETHI
6	4019	1	4020	JAGDAMBA PRASAD YADAV	AMETHI
7	2333	1	2334	BHAGWANDIN PASI	AMETHI
8	2278	13	2291	CHANDRAWATI	AMETHI
9	1525	2	1527	MOHD HASAN LAHRI	AMETHI
10	1401	0	1401	KHUSHIRAM	AMETHI
11	1300	5	1305	UDAYRAJ	AMETHI
12	1208	4	1212	SANTRAM	AMETHI
13	1124	4	1128	SHAILENDRA KUMAR MIS...	AMETHI
14	9371	12	9383	NOTA	AMETHI

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

Results Messages		
	Party	Seats_Won
1	Telugu Desam - TDP	16
2	Yuva Jana Samika Rythu Congress Party - YSRCP	4
3	Bharatiya Janata Party - BJP	3
4	Janasena Party - JnP	2

--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;
```

	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 Daman & Diu	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

Conclusion: Election Data Analysis Report

- In this project, we conducted a detailed SQL-based analysis of election results, with a focus on the performance of the National Democratic Alliance (NDA).
- By processing and querying constituency-wise data, we extracted key metrics such as total seats won and regional performance, providing a comprehensive overview of the NDA's electoral standing.

Key findings from the analysis include:

- Total Seats Won: A clear understanding of the seats secured by the NDA across various states.
- Regional Insights: Identification of NDA strongholds and regions where performance can be improved.
- Election Trends: Observations on voting patterns, offering actionable insights for political strategy.

This data-driven analysis has provided a detailed understanding of the NDA's electoral performance, contributing valuable insights into both current and future election strategies.