

INDIA GENERAL ELECTIONS 2024 AND 2019 COMPARISON REPORT

Observations from analysis

- Performance of two key National Parties in India.
- Performance of Regional Parties.
- Performance of different Party Alliances.
- Effectiveness of Alliance.

SQL queries to get desired tables for analysis

- Total Seats in Indian General Election.
- Addition of Alliance column in “partywise_results” table.
- Total seats to each Alliance.
- Constituency wise details of winning candidate, runner-up candidate, margin of victory and winning Party name.
- Top 10 candidates with highest no. of total votes.
- Constituency wise details of winning Party, Party Alliance and State name.
- Select constituency wise winning Candidate name, Party and State name.
- Different parameters for each state.

Overview:

1. Indian General Elections also known as “Lok Sabha” Elections, held on total 543 seats, 36 States and UTs across the country.
2. Total 8266 candidates contest in the election and 42 Political Parties have won atleast one seat or more.
3. Total 64,53,63,445 people voted in this “World’s Largest Democratic Exercise”.

Observations from analysis:

1. Performance of two key National Parties in India:

- BJP – Bhartiya Janata Party
- INC – Indian National Congress

(i) At National level :

- In 2019

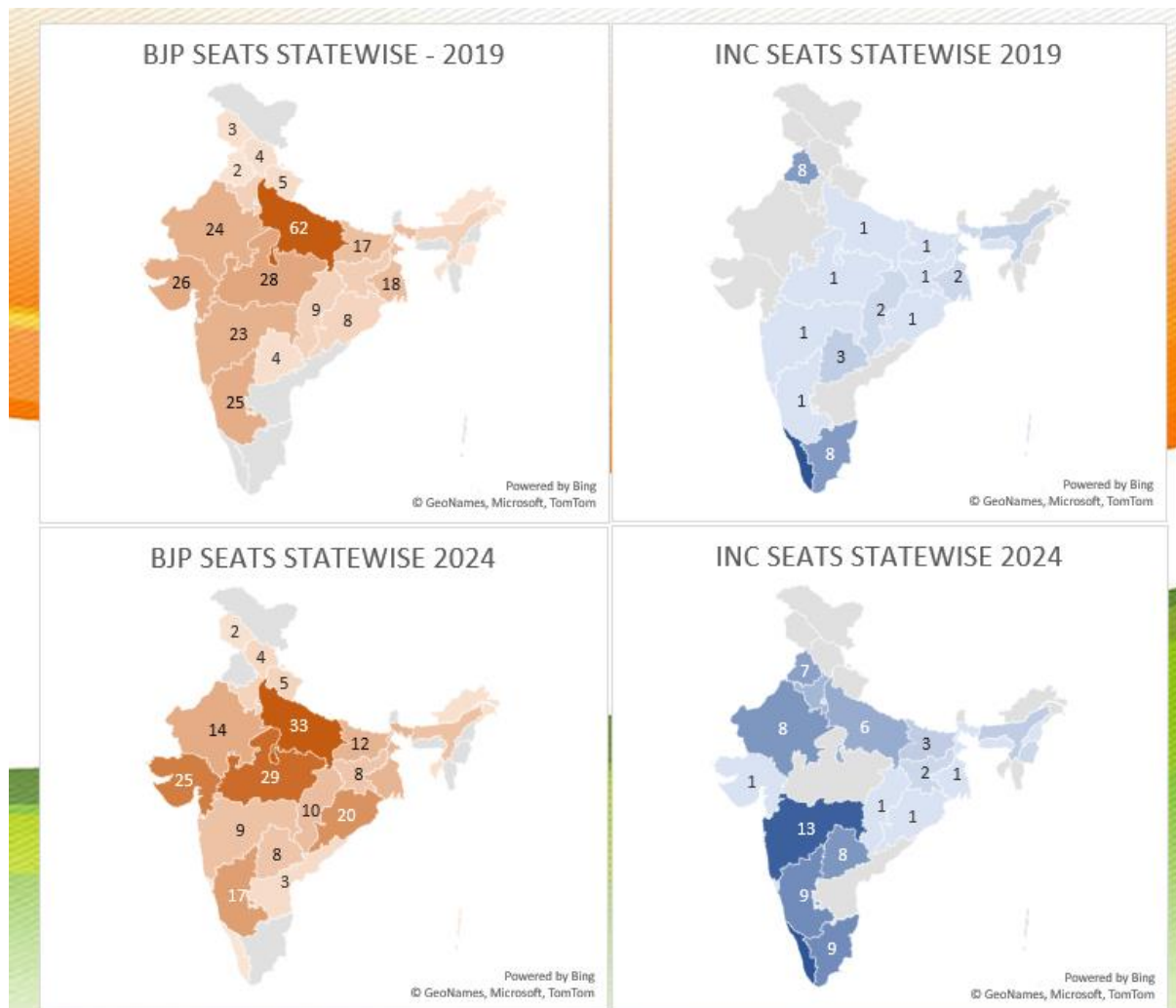


- In 2024



- From the above infographics it can be observed that BJP has lost 63 seats and INC has gained 47 seats in 2024 as compared to 2019 elections.
- The seat share of BJP has decreased by more than 10% whereas seat share of Congress has nearly doubled.

(ii) At State level :



Key observations from above infographics:

BJP

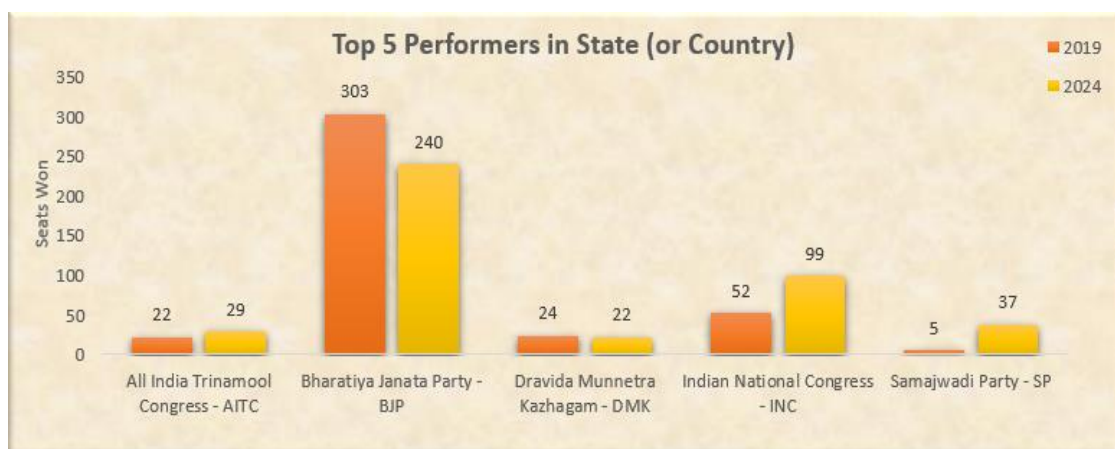
- BJP seats have decrease to half in two crucial states, Uttar Pradesh and Maharashtra.
- It's seats decreased in 10 other states also including Karnataka, Rajasthan, West Bengal, Bihar, Haryana and Punjab.

- In 6 states and UTs, BJP performance was similar in both election years, that are Madhya Pradesh, Gujarat, Chattisgarh, Assam, Himachal Pradesh, Uttarakhand and Delhi.
- A considerable increase in seats can be seen in Orissa and Telangana. In Kerala also party first time won a seat.

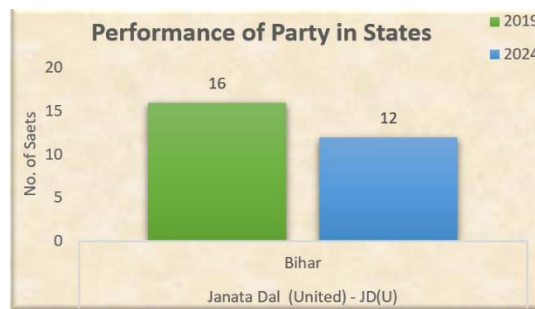
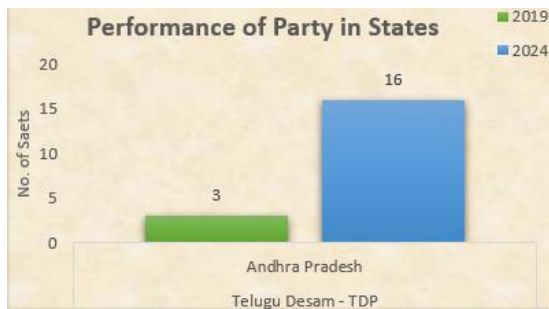
INC

- For INC, there is a considerable increase in seats in Rajasthan, Maharashtra, Karnataka, Haryana and Telangana.
- In Uttar Pradesh and Bihar also their seats increased.
- In states of Kerala, Tamil Nadu and Punjab they maintained their previous tally of seats.
- There was not as such a noticeable decrement of seats in any of the states for INC.

2. Performance of Regional Parties.



- If we observe the three parties other than BJP and INC, which include All India Trinamool Congress (AITC), Samajwadi Party (SP) and Dravida Munnetra Kazhagam (DMK), their seat share has either increased or remained near to their 2019 tally.
- For Samajwadi Party it is more than 7 times increase in seats and for AITC also there is an increase of 7 seats.



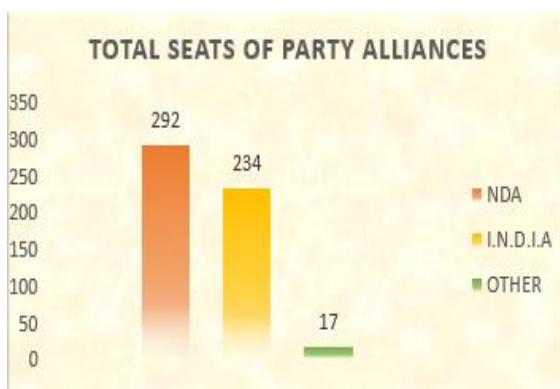
- Some other regional Parties who performed well in 2024 elections are as follows:
 - Telegu Desam Party (TDP): 16 seats
 - National Congress Party Sharadchandra Pawar (NCP SP): 8 Seats
 - Shiv Sena Udhav Balasaheb Thackrey (SHS UBT): 9 Seats,
 - Janata Dal (United) (JD(U)): 12 seats

This strong performance of regional parties, strengthened the overall performance of their respective pre poll alliances.

3. Performance of different Party Alliances

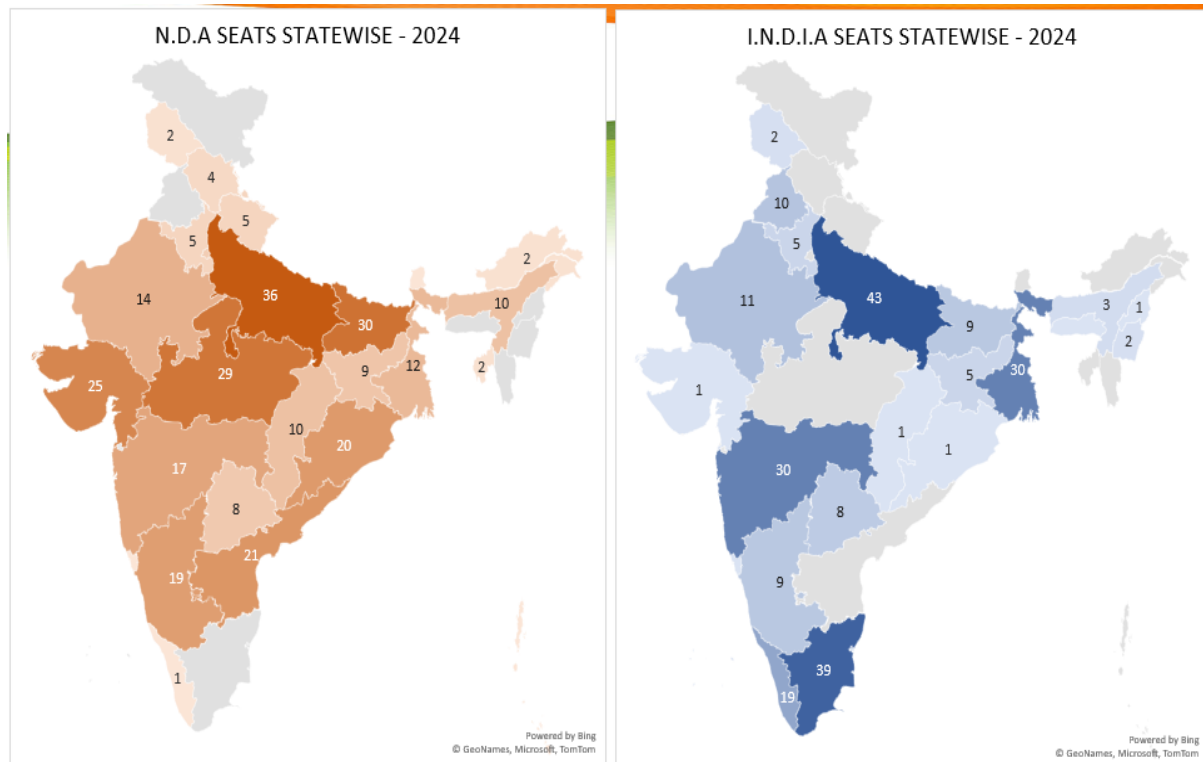
There were two different pre poll Party Alliances in this election, one led by BJP and another one by INC.

- BJP led alliance: National Democratic Alliance (N.D.A)
- INC led alliance: Indian National Developmental Inclusive Alliance (I.N.D.I.A)
- There are more than 15 Parties in N.D.A and more than 25 parties in I.N.D.I.A. Some parties opted to remain outside and are counted in others for analysis purpose.



From the infographics it can be observed that N.D.A won 292 seats which is higher than the majority mark of 273, and I.N.D.I.A won 234 seats. Other parties which were not the part of any alliance won 17 seats in total.

Comparison between N.D.A and I.N.D.I.A



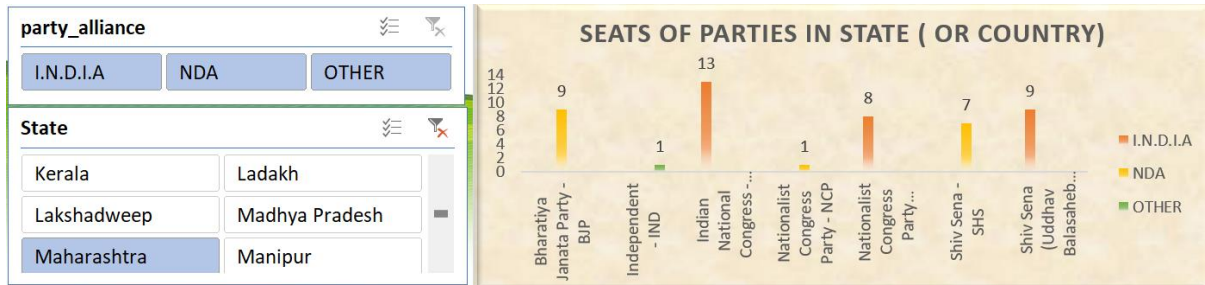
- N.D.A performed better than I.N.D.I.A in 15 states including Madhya Pradesh, Gujarat, Rajasthan, Karnataka, Andra Pradesh, Bihar, Orrisa, Assam and Chattisgarh.
- But in crucial states of Uttar Pradesh, Maharashtra, West Bengal I.N.D.I.A won majority of seats and in Kerala, Punjab and Tamil Nadu it clean swiped N.D.A.
- In 3 states, Telangana, Haryana and J&K, they shared equal seats.

4. Effectiveness of Alliance:

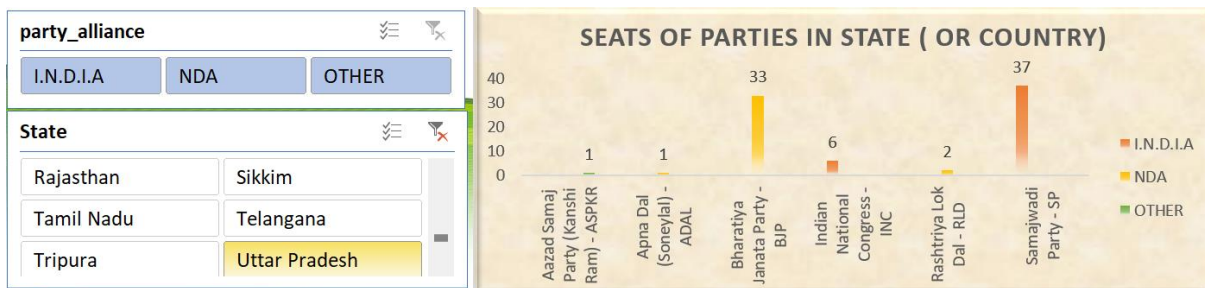
We can observe the benefit of Alliances that BJP and INC got in the election with the examples of 6 states where the alliance parties other than BJP and INC got more votes and saved the state for their respective alliances.

(i) For INC

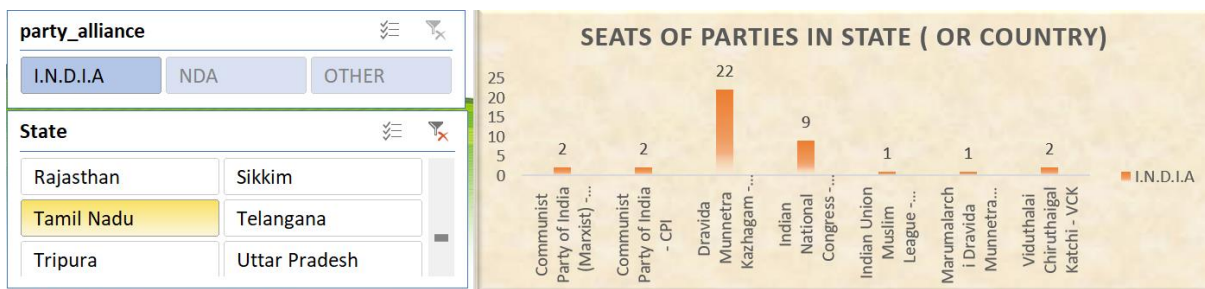
- In Maharashtra INC got 13 seats but INDIA got 30 seats because of SHS UBT and NCP SP.



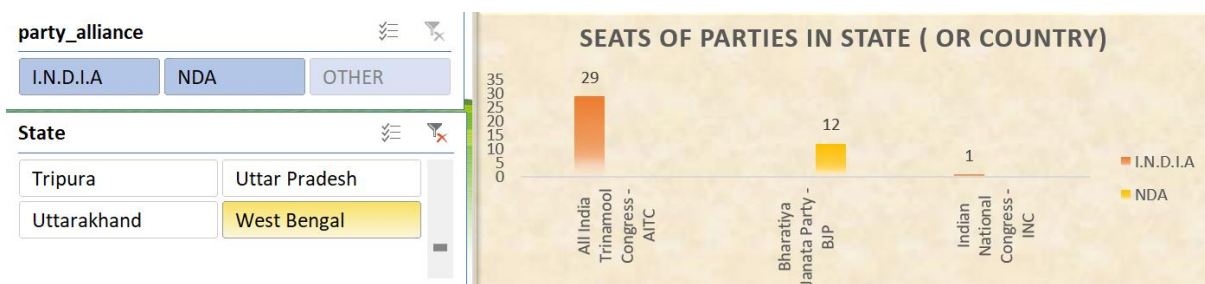
- In Uttar Pradesh INC got only 6 seats but its INDIA partner got 37 seats which helped them to outperform BJP.



- In Tamil Nadu DMK won 22/39 seats and INDIA clean sweep the whole state with 39 seats, although INC won only 9 Seats.

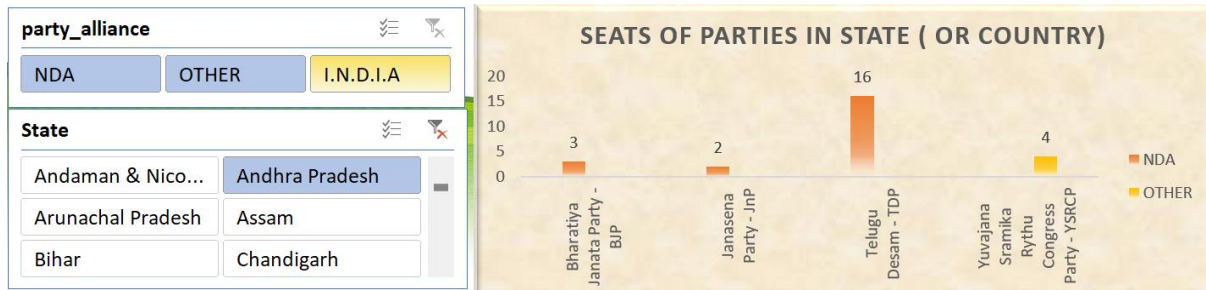


- In West Bengal also INC managed to get only one seat but it's alliance partner AITC got 29/42 seats and saved the state for INDIA.



(ii) For BJP

- In Andhra Pradesh BJP got only 3 seats but its allies TDP and Janasena Party (JnP) helped NDA to get 21/25 seats in the state.



- In Bihar also BJP with its key allies JD(U) and Lok Janashakti Part (Ram Vilas) (LJPRV) and Hindustan Awam Morcha (Secular) (HAMS) won 30/40 seats.



- In Maharashtra although NDA left behind INDIA, still they managed to get 17 seats because of BJP alliance with Shiv Sena (SHS) Party.



- Hence, from above examples it is evident that forming alliance turned out to be fruitful and has helped BJP and INC to get into a strong position in the Parliament.
- Also because no single party got majority of seats the influence of Regional Parties increased in National Politics after a decade of majoritarian government of BJP.

SQL Queries

1.Total Seats

```
SELECT  
DISTINCT COUNT(Parliament_Constituency) AS Total_Seats  
FROM constituencywise_results;
```

	Total_Seats
1	543

2. Add new column field in table partywise_results to get the Party Alliance as N.D.A, 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 - 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',  
    '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;

```

3. 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;

```

	party_alliance	Seats_Won
1	NDA	292
2	I.N.D.I.A	234
3	OTHER	17

4. Select constituency wise details of winning candidate, runner-up candidate, margin of victory and winning Party name.

```
select
    s.State,
    sr.Constituency,
    sr.Leading_Candidate,
    sr.Trailing_Candidate,
    sr.Margin,
    pr.Party
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
join states s
    on s.State_ID = sr.State_ID;
```

#This result shows 25 rows out of total 543 rows

	State	Constituency	Leading_Candidate	Trailing_Candidate	Margin	Party
1	Telangana	Adilabad	GODAM NAGESH	ATHRAM SUGUNA	90652	Bharatiya Janata Party - BJP
2	Uttar Pradesh	Agra	PROF S P SINGH BAGHEL	SURESH CHAND KARDAM	271294	Bharatiya Janata Party - BJP
3	Gujarat	Ahmedabad East	HASMUKHBHAI PATEL (H.S.PATEL)	HIMMATSINH PRAHLADSINH PATEL	461755	Bharatiya Janata Party - BJP
4	Gujarat	Ahmedabad West	DINESHBHAI MAKWANA (ADVOCATE)	BHARAT YOGENDRA MAKWANA	286437	Bharatiya Janata Party - BJP
5	Maharashtra	Ahmednagar	NILESH DNYANDEV LANKE	DR. SUJAY RADHAKRISHNA VIKHEPATIL	28929	Nationalist Congress Party Sharadchandra Pawar -
6	Rajasthan	AJMER	BHAGIRATH CHOUDHARY	RAMCHANDRA CHOUDHARY	329991	Bharatiya Janata Party - BJP
7	Uttar Pradesh	Akbarpur	DEVENDRA SINGH ALIAS BHOLE SINGH	RAJARAM PAL	44345	Bharatiya Janata Party - BJP
8	Maharashtra	Akola	ANUP SANJAY DHOTRE	ABHAY KASHINATH PATIL	40626	Bharatiya Janata Party - BJP
9	Kerala	Alappuzha	K C VENUGOPAL	A. M ARIFF	63513	Indian National Congress - INC
10	Kerala	Alathur	KRADHAKRISHNAN	RAMYA HARIDAS	20111	Communist Party of India (Marxist) - CPI(M)
11	Uttar Pradesh	Aligarh	SATISH KUMAR GAUTAM	BIJENDRA SINGH	15647	Bharatiya Janata Party - BJP
12	West Bengal	Alipurduars	MANOJ TIGGA	PRAKASH CHIK BARAIK	75447	Bharatiya Janata Party - BJP
13	Uttar Pradesh	Allahabad	UJJWAL RAMAN SINGH	NEERAJ TRIPATHI	58795	Indian National Congress - INC
14	Uttarakhand	Almora	AJAY TAMTA	PRADEEP TAMTA	234097	Bharatiya Janata Party - BJP
15	Rajasthan	ALWAR	BHUPENDER YADAV	LALIT YADAV	48282	Bharatiya Janata Party - BJP
16	Andhra Pradesh	Amalapuram (SC)	G M HARISH (BALAYOGI)	RAPAKA VARAPRASADA RAO	342196	Telugu Desam - TDP
17	Haryana	AMBALA	VARUN CHAUDHRY	BANTO KATARIA	49036	Indian National Congress - INC
18	Uttar Pradesh	Ambedkar Nagar	LALJI VERMA	RITESH PANDEY	137247	Samajwadi Party - SP
19	Uttar Pradesh	Amethi	KISHORI LAL	SMRITI IRANI	167196	Indian National Congress - INC
20	Maharashtra	Amravati	BALWANT BASWANT WANKHADE	NAVNEET RAVI RANA	19731	Indian National Congress - INC
21	Gujarat	Amreli	BHARATBHAI MANUBHAI SUTARIYA	JENNY THUMMAR	321068	Bharatiya Janata Party - BJP
22	Punjab	Amritsar	GURJEET SINGH AUJLA	KULDEEP SINGH DHALIWAL	40301	Indian National Congress - INC
23	Uttar Pradesh	Amroha	KANWAR SINGH TANWAR	KUNWAR DANISH ALI	28670	Bharatiya Janata Party - BJP
24	Andhra Pradesh	Anakapalle	C.M.RAMESH	BUDI MUTYALA NAIDU	296530	Bharatiya Janata Party - BJP
25	Gujarat	Anand	MITESH PATEL (BAKABHAI)	AMIT CHAVDA	89939	Bharatiya Janata Party - BJP

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

```
SELECT TOP 10
    cr.Constituency_Name,
    cd.Constituency_ID,
    cd.Candidate,
    cd.Total_Votes
FROM
    constituencywise_details cd
JOIN
    constituencywise_results cr
ON cd.Constituency_ID = cr.Constituency_ID
WHERE
    cd.Total_Votes = (
        SELECT MAX(cd1.Total_Votes)
        FROM constituencywise_details cd1
        WHERE cd1.Constituency_ID = cd.Constituency_ID
    )
ORDER BY
    cd.Total_Votes DESC;
```

	Constituency_Name	Constituency_ID	Candidate	Total_Votes
1	DHUBRI	S032	RAKIBUL HUSSAIN	1471885
2	INDORE	S1226	SHANKAR LALWANI	1226751
3	VIDISHA	S1218	SHIVRAJ SINGH CHOUHAN	1116460
4	BANGALORERURAL	S1023	DR C N MANJUNATH	1079002
5	RAIPUR	S268	BRIJMOHAN AGRAWAL	1050351
6	DIAMONDHARBOUR	S2521	ABHISHEK BANERJEE	1048230
7	NAVSARI	S0625	C R PATIL	1031065
8	GANDHINAGAR	S066	AMIT SHAH	1010972
9	MALKAJGIRI	S297	EATALA RAJENDER	991042
10	BANGALORENORTH	S1024	SHOBHA KARANDLAJE	986049

6. Select constituency wise winning Party, Party Alliance and State name.

```
select
    s.State,
    cr.Constituency_Name,
    pr.Party,
    pr.party_alliance
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
join partywise_results pr
    on pr.Party_ID = cr.Party_ID
order by cr.Constituency_Name;
```

	State	Constituency_Name	Party	party_alliance
1	Telangana	ADILABAD	Bharatiya Janata Party - BJP	NDA
2	Uttar Pradesh	AGRA	Bharatiya Janata Party - BJP	NDA
3	Gujarat	AHMEDABADEAST	Bharatiya Janata Party - BJP	NDA
4	Gujarat	AHMEDABADWEST	Bharatiya Janata Party - BJP	NDA
5	Maharashtra	AHMEDNAGAR	Nationalist Congress Party Sharadchandra Pawar - ...	I.N.D.I.A
6	Rajasthan	AJMER	Bharatiya Janata Party - BJP	NDA
7	Uttar Pradesh	AKBARPUR	Bharatiya Janata Party - BJP	NDA
8	Maharashtra	AKOLA	Bharatiya Janata Party - BJP	NDA
9	Kerala	ALAPPUZHA	Indian National Congress - INC	I.N.D.I.A
10	Kerala	ALATHUR	Communist Party of India (Marxist) - CPI(M)	I.N.D.I.A
11	Uttar Pradesh	ALIGARH	Bharatiya Janata Party - BJP	NDA
12	West Bengal	ALIPURDUARS	Bharatiya Janata Party - BJP	NDA
13	Uttar Pradesh	ALLAHABAD	Indian National Congress - INC	I.N.D.I.A
14	Uttarakhand	ALMORA	Bharatiya Janata Party - BJP	NDA
15	Rajasthan	ALWAR	Bharatiya Janata Party - BJP	NDA
16	Andhra Prad...	AMALAPURAM(SC)	Telugu Desam - TDP	NDA
17	Haryana	AMBALA	Indian National Congress - INC	I.N.D.I.A
18	Uttar Pradesh	AMBEDKARNAGAR	Samajwadi Party - SP	I.N.D.I.A
19	Uttar Pradesh	AMETHI	Indian National Congress - INC	I.N.D.I.A
20	Maharashtra	AMRAVATI	Indian National Congress - INC	I.N.D.I.A
21	Gujarat	AMRELI	Bharatiya Janata Party - BJP	NDA
22	Punjab	AMRITSAR	Indian National Congress - INC	I.N.D.I.A
23	Uttar Pradesh	AMROHA	Bharatiya Janata Party - BJP	NDA
24	Andhra Prad...	ANAKAPALLE	Bharatiya Janata Party - BJP	NDA
25	Gujarat	ANAND	Bharatiya Janata Party - BJP	NDA

#This result shows 25 rows out of total 543 rows.

7. Select constituency wise winning Candidate name, Party and State name.

```
select
    s.State,
    cr.Constituency_Name,
    sr.Leading_Candidate,
    pr.Party
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
join partywise_results pr
    on pr.Party_ID = cr.Party_ID
order by cr.Constituency_Name;
```

	State	Constituency_Name	Leading_Candidate	Party
1	Telangana	ADILABAD	GODAM NAGESH	Bharatiya Janata Party - BJP
2	Uttar Pradesh	AGRA	PROF S P SINGH BAGHEL	Bharatiya Janata Party - BJP
3	Gujarat	AHMEDABADEAST	HASMUKHBHAI PATEL (H.S.PATEL)	Bharatiya Janata Party - BJP
4	Gujarat	AHMEDABADWEST	DINESHBHAI MAKWANA (ADVOCATE)	Bharatiya Janata Party - BJP
5	Maharashtra	AHMEDNAGAR	NILESH DNYANDEV LANKE	Nationalist Congress Party Sharadchandra Pawar - ...
6	Rajasthan	AJMER	BHAGIRATH CHOUDHARY	Bharatiya Janata Party - BJP
7	Uttar Pradesh	AKBARPUR	DEVENDRA SINGH ALIAS BHOLE SINGH	Bharatiya Janata Party - BJP
8	Maharashtra	AKOLA	ANUP SANJAY DHOTRE	Bharatiya Janata Party - BJP
9	Kerala	ALAPPUZHA	K. C VENUGOPAL	Indian National Congress - INC
10	Kerala	ALATHUR	K.RADHAKRISHNAN	Communist Party of India (Marxist) - CPI(M)
11	Uttar Pradesh	ALIGARH	SATISH KUMAR GAUTAM	Bharatiya Janata Party - BJP
12	West Bengal	ALIPURDUARS	MANOJ TIGGA	Bharatiya Janata Party - BJP
13	Uttar Pradesh	ALLAHABAD	UJJWAL RAMAN SINGH	Indian National Congress - INC
14	Uttarakhand	ALMORA	AJAY TAMTA	Bharatiya Janata Party - BJP
15	Rajasthan	ALWAR	BHUPENDER YADAV	Bharatiya Janata Party - BJP
16	Andhra Prad...	AMALAPURAM(SC)	G M HARISH (BALAYOGI)	Telugu Desam - TDP
17	Haryana	AMBALA	VARUN CHAUDHRY	Indian National Congress - INC
18	Uttar Pradesh	AMBEDKARNAGAR	LALJI VERMA	Samajwadi Party - SP
19	Uttar Pradesh	AMETHI	KISHORI LAL	Indian National Congress - INC
20	Maharashtra	AMRAVATI	BALWANT BASWANT WANKHADE	Indian National Congress - INC
21	Gujarat	AMRELI	BHARATBHAI MANUBHAI SUTARIYA	Bharatiya Janata Party - BJP
22	Punjab	AMRITSAR	GURJEET SINGH AUJLA	Indian National Congress - INC
23	Uttar Pradesh	AMROHA	KANWAR SINGH TANWAR	Bharatiya Janata Party - BJP
24	Andhra Prad...	ANAKAPALLE	C.M.RAMESH	Bharatiya Janata Party - BJP
25	Gujarat	ANAND	MITESH PATEL (BAKABHAI)	Bharatiya Janata Party - BJP

#This result shows 25 rows out of total 543 rows.

8. For every state find, 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
group by s.State
order by s.State;
```

	state	Total_Seats	Total_Candidates	Total_Parties	Total_Votes	Total_EVM_Votes	Total_Postal_Votes
1	Andaman & Nicobar Islands	1	13	1	202514	201992	522
2	Andhra Pradesh	25	455	4	33729342	33258505	470837
3	Arunachal Pradesh	2	15	1	723247	689824	33423
4	Assam	14	143	4	20059870	19953259	106611
5	Bihar	40	481	8	43448949	43309971	138978
6	Chandigarh	1	20	1	449275	448548	727
7	Chhattisgarh	11	217	2	15061348	15023639	37709
8	Dadra & Nagar Haveli and Daman & Diu	2	13	2	297998	297536	462
9	Delhi	7	160	1	8938049	8913336	24713
10	Goa	2	17	2	906538	896978	9560
11	Gujarat	26	266	2	29115599	28839373	276226
12	Haryana	10	218	2	13055572	13004335	51237
13	Himachal Pradesh	4	38	1	4069906	3998771	71135
14	Jammu and Kashmir	5	100	3	5151193	5108326	42867
15	Jharkhand	14	244	4	17241982	17072107	169875
16	Karnataka	28	473	3	38793617	38643669	149948
17	Kerala	20	194	6	19980436	19758405	222031
18	Ladakh	1	4	1	135524	132614	2910
19	Lakshadweep	1	5	1	49200	48630	570
20	Madhya Pradesh	29	363	1	37940251	37838466	101785
21	Maharashtra	48	1114	7	57179133	56969710	209423

#This result shows 21 rows out of total 36 rows.