

India Election Results 2024

Objective:

Developed an SQL project that centers on analysing the results of India's 2024 General Elections. This project included thorough examinations of electoral data to reveal insights and trends across different states. Also visualized the data in Power BI and created interactive dashboard to get deep insights from the data. For data visualization in Power BI, measures were created and cards, slicers, tables, and maps were employed.

Tools Used: Microsoft Excel, MySQL, Power BI

```
show databases;  
use india_election_results;  
select * from constituencywise_details;  
select * from constituencywise_results;  
select * from partywise_results;  
select * from states;  
select * from statewide_results;
```

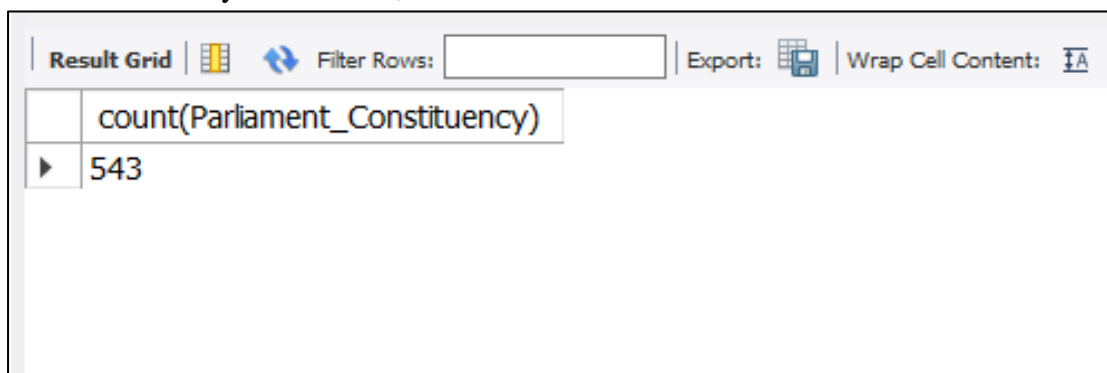
/*Ques 1.Calculate to number of seats in Lok Sabha Elections 2024*/

/*using statewide_results table*/

```
select distinct count( Constituency) as Total_seats  
from statewide_results;
```

/*using constituencywise_results table*/

```
select  
distinct count(Parliament_Constituency)  
from constituencywise_results;
```



The screenshot shows a Power BI interface with a 'Result Grid' tab. The grid contains a single row with the formula 'count(Parliament_Constituency)' in the first column and the value '543' in the second column. The interface includes a 'Filter Rows' section with a dropdown menu, an 'Export' button with a download icon, and a 'Wrap Cell Content' button with a text icon.

	count(Parliament_Constituency)
▶	543

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

```

select
s.state as State_Name,
count(cr.Parliament_Constituency) as Total_seats
from
constituencywise_results cr
inner join statewide_results sr
on cr.Parliament_Constituency = sr.Parliament_Constituency
inner join states s
on sr.State_ID = s.State_ID
group by s.state;

```

State_Name	Total_seats
Telangana	17
Uttar Pradesh	80
Gujarat	26
Maharashtra	48
Rajasthan	25
Kerala	20
West Bengal	42
Uttarakhand	5
Andhra Pradesh	25
Haryana	10
Punjab	13
Jammu and Kashmir	5
Andaman & Nicobar Islands	1
Tamil Nadu	39
Bihar	40
Arunachal Pradesh	2
Odisha	21
Karnataka	28
Madhya Pradesh	29

State_Name	Total_seats
Madhya Pradesh	29
Assam	14
Chhattisgarh	11
Chandigarh	1
Delhi	7
Jharkhand	14
Dadra & Nagar Haveli and Dam...	2
Himachal Pradesh	4
Manipur	2
Ladakh	1
Lakshadweep	1
Mizoram	1
Nagaland	1
Goa	2
Puducherry	1
Meghalaya	2
Sikkim	1
Tripura	2

/*Ques 3. show parliament constituencies for specific state */

```

select
distinct State, Parliament_Constituency
from statewide_results
where state = 'Goa';

```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	State	Parliament_Constituency			
▶	Goa	NORTHGOA(1)			
	Goa	SOUTHGOA(2)			

/*Ques 4. seats won by BJP*/

```
select Party , won as Total_seats
from partywise_results
where Party = 'Bharatiya Janata Party - BJP';
```

Result Grid			Filter Rows:	Export:	Wrap Cell Content:
	Party	Total_seats			
▶	Bharatiya Janata Party - BJP	240			

/*Ques 5. seats won by INC*/

```
select Party , won as Total_seats
from partywise_results
where Party = 'Indian National Congress - INC';
```

	Party	Total_seats
▶	Indian National Congress - INC	99

/*Ques 6.In which constituency Narendra Modi Won Election */

```
select Parliament_Constituency
from constituencywise_results
where Winning_Candidate = 'NARENDRA MODI';
```

Result Grid		Filter Rows:		Export:		Wrap Cell Content:	
	Parliament_Constituency						
▶	VARANASI(77)						

/*Ques 7. In which constituency Rahul Gandhi Won Election */

```
select Parliament_Constituency
from constituencywise_results
where Winning_Candidate = 'RAHUL GANDHI';
```

Result Grid		Filter Rows:		Export:		Wrap Cell Content:	
	Parliament_Constituency						
▶	RAEBARELI(36)						
	WAYANAD(4)						

/*Ques 8. Maximum Total votes where candidate is NOTA*/

```
SELECT Candidate,max(Total_Votes)
FROM constituencywise_details
WHERE Candidate = 'NOTA';
```

	Candidate	max(Total_Votes)
▶	NOTA	218674



/*Ques 9. Which candidate won from zero margin lok sabha elections and in which state and constituency*/

```
select Constituency,Leading_Candidate,State
from statewide_results
where Margin = 0;
```

Result Grid		Filter Rows:		Export:		Wrap Cell Content:	
	Constituency	Leading_Candidate	State				
▶	Surat	MUKESHKUMAR CHANDRAKAANT DALAL	Gujarat				

/*Ques 10. Total Seats Won by NDA Alliance*/

```
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',
'United Peopleâ€™s Party, Liberal - UPPL',
'Sikkim Krantikari Morcha - SKM'
)
then( Won )
else 0
end) as NDA_Total_Seats_Won
from partywise_results;
select * from partywise_results;
```

Result Grid		Filter Rows:	<input type="text"/>	Export: 	Wrap Cell Content: 
	NDA_Total_Seats_Won				
▶	293				

/*Ques 11.Seats Won by NDA Alliance 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',
        'United People's Party, Liberal - UPPL',
        'Sikkim Krantikari Morcha - SKM'
    )
ORDER BY Seats_Won DESC;

```

	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) - HAMS	1
	Nationalist Congress Party - NCP	1
	Sikkim Krantikari Morcha - SKM	1
	United People's Party, Liberal - UPPL	1

/*Ques 12. Seats Won by I.N.D.I.A. Alliance Parties*/

```

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;

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	INDIA_Total_Seats_Won			
▶	234			

/*Ques 13. Seats Won by I.N.D.I.A. Alliance 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 - BHRTADVSIIP',
        '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;

```






	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 Pawar - NCPSP	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) (Liberation)...	2
	Communist Party of India - CPI	2
	Jammu & Kashmir National Conference - JKN	2
	Viduthala Chiruthaigal Katchi - VCK	2
	Kerala Congress - KEC	1
	Marumalarchi Dravida Munnetra Kazhagam - MDMK	1
	Rashtriya Loktantrik Party - RLTP	1
	Revolutionary Socialist Party - RSP	1
	Bharat Adivasi Party - BHRTADVSI	1

/*Ques 14.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, 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 statewide_results sr
on cr.Parliament_Constituency = sr.Parliament_Constituency
inner join states s
on sr.State_ID = s.State_ID
where s.State = 'Uttar Pradesh' and cr.Constituency_Name = 'Sambhal';

```

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 						
	Winning_Candidate	Party	Total_Votes	Margin	Constituency_Name	State
►	ZIA UR REHMAN	Samajwadi Party - SP	571161	121494	SAMBHAL	Uttar Pradesh

/*Ques 15.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
inner join constituencywise_results cr
on cd.Constituency_ID = cr.Constituency_ID
where cr.Constituency_Name = 'MATHURA'
order by cd.Total_Votes desc;

```




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

/*Ques 16.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
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 s.state = 'Uttar Pradesh'
group by p.Party
order by Seats_Won desc;

```

Result Grid					Filter Rows: <input type="text"/>	Export: 
	Party	Seats_Won				
▶	Samajwadi Party - SP	37				
	Bharatiya Janata Party - BJP	33				
	Indian National Congress - INC	6				
	Rashtriya Lok Dal - RLD	2				
	Aazad Samaj Party (Kanshi Ram) - AS...	1				
	Apna Dal (Soneylal) - ADAL	1				