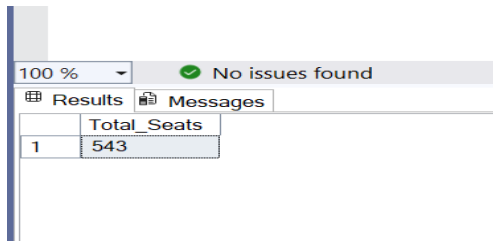


## Project Output:

-- 1. Total Seats

```
select distinct count(Parliament_Constituency) as Total_Seats from  
constituencywise_results
```

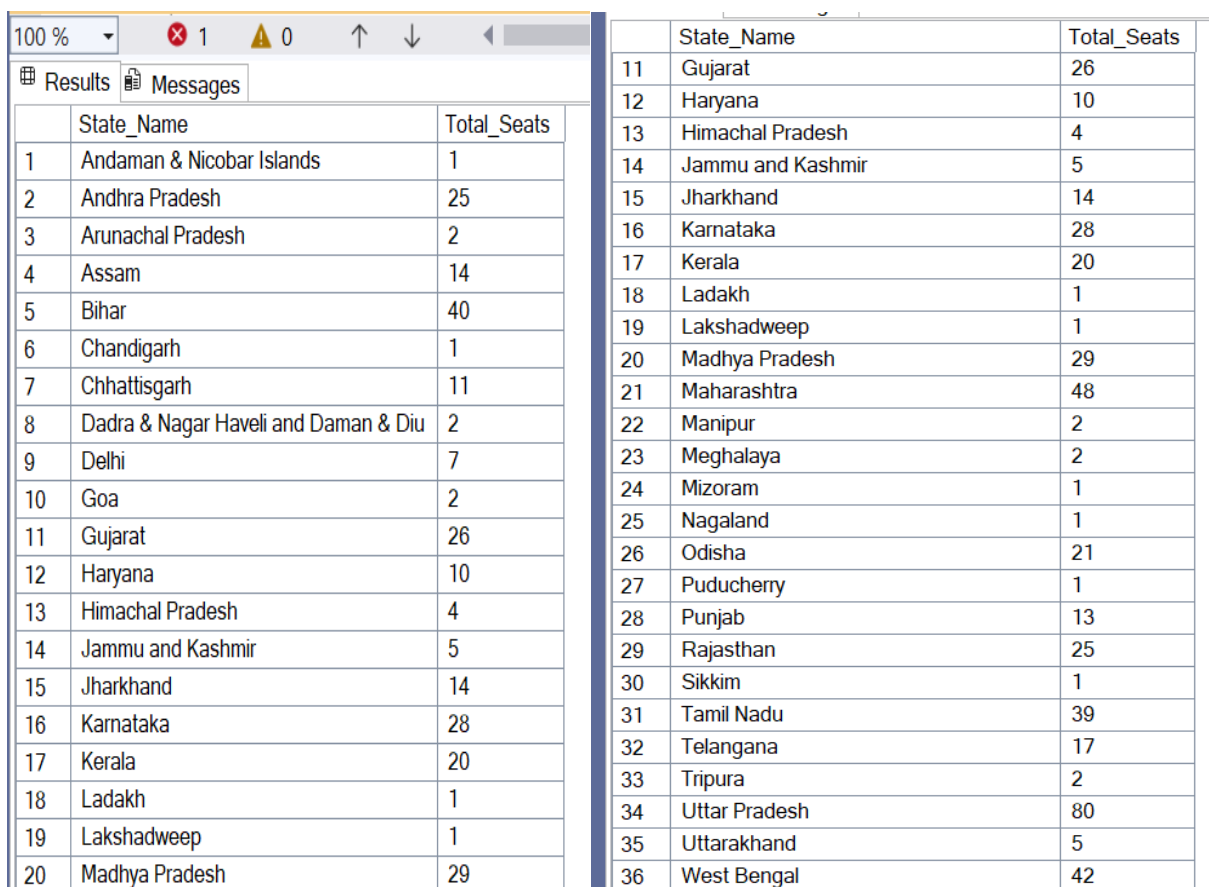


100 % No issues found

	Total_Seats
1	543

-- 2. What are the total number of seats available for elections in each state  
Select

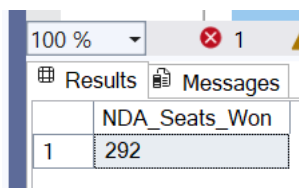
```
c.State as State_Name, count(a.Parliament_Constituency) as Total_Seats  
from constituencywise_results a  
join statewide_results b  
on a.Parliament_Constituency = b.Parliament_Constituency  
join states c  
on b.State_ID = c.State_ID  
group by c.State
```



100 % 1 0

	State_Name	Total_Seats
1	Andaman & Nicobar Islands	1
2	Andhra Pradesh	25
3	Arunachal Pradesh	2
4	Assam	14
5	Bihar	40
6	Chandigarh	1
7	Chhattisgarh	11
8	Dadra & Nagar Haveli and Daman & Diu	2
9	Delhi	7
10	Goa	2
11	Gujarat	26
12	Haryana	10
13	Himachal Pradesh	4
14	Jammu and Kashmir	5
15	Jharkhand	14
16	Karnataka	28
17	Kerala	20
18	Ladakh	1
19	Lakshadweep	1
20	Madhya Pradesh	29
11	Gujarat	26
12	Haryana	10
13	Himachal Pradesh	4
14	Jammu and Kashmir	5
15	Jharkhand	14
16	Karnataka	28
17	Kerala	20
18	Ladakh	1
19	Lakshadweep	1
20	Madhya Pradesh	29
21	Maharashtra	48
22	Manipur	2
23	Meghalaya	2
24	Mizoram	1
25	Nagaland	1
26	Odisha	21
27	Puducherry	1
28	Punjab	13
29	Rajasthan	25
30	Sikkim	1
31	Tamil Nadu	39
32	Telangana	17
33	Tripura	2
34	Uttar Pradesh	80
35	Uttarakhand	5
36	West Bengal	42

```
-- 3. Total Seats Won by NDA Alliance
select sum(Won) as NDA_Seats_Won
from partywise_results
where Party In ('Bharatiya Janata Party - BJP',
'Lok Janshakti Party(Ram Vilas) - LJPRV',
'Apna Dal (Soneylal) - ADAL',
'Rashtriya Loktantrik Party - RLTP',
'Asom Gana Parishad - AGP',
'Telugu Desam - TDP',
'Shiv Sena - SHS',
'AJSU Party - AJSUP',
'Rashtriya Lok Dal - RLD',
'Hindustani Awam Morcha (Secular) - HAMS',
'Janasena Party - JnP',
'Janata Dal (Secular) - JD(S)',
'Sikkim Krantikari Morcha - SKM',
'Janata Dal (United) - JD(U)')
```



The screenshot shows a database query result window. At the top, there is a zoom level of 100% and a tab labeled '1'. Below the zoom level, there are two tabs: 'Results' and 'Messages'. The 'Results' tab is active, displaying a table with one column named 'NDA\_Seats\_Won' and one row with the value '292'.

	NDA_Seats_Won
1	292

```
-- 4. Seats won by NDA Alliance Parties
select Party as Party_Name , Won as Total_Seats
from partywise_results
where Party in ('Bharatiya Janata Party - BJP',
'Lok Janshakti Party(Ram Vilas) - LJPRV',
'Apna Dal (Soneylal) - ADAL',
'Rashtriya Loktantrik Party - RLTP',
'Asom Gana Parishad - AGP',
'Telugu Desam - TDP',
'Shiv Sena - SHS',
'AJSU Party - AJSUP',
'Rashtriya Lok Dal - RLD',
'Hindustani Awam Morcha (Secular) - HAMS',
'Janasena Party - JnP',
'Janata Dal (Secular) - JD(S)',
'Sikkim Krantikari Morcha - SKM',
'Janata Dal (United) - JD(U)')
order by Total_Seats desc
```

100 %

1

0

↑

↓

Results

Messages

	Party_Name	Total_Seats
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	Hindustani Awam Morcha (Secular) - ...	1
11	Asom Gana Parishad - AGP	1
12	AJSU Party - AJSUP	1
13	Apna Dal (Soneylal) - ADAL	1
14	Rashtriya Loktantrik Party - RLTP	1

-- 5. Total Seats Won By I.N.D.I.A Alliance

```
select sum(Won) as Total_INDIA_Seats_Won
from partywise_results
where Party not In ('Bharatiya Janata Party - BJP',
'Lok Janshakti Party(Ram Vilas) - LJPRV',
'Apna Dal (Soneylal) - ADAL',
'Rashtriya Loktantrik Party - RLTP',
'Asom Gana Parishad - AGP',
'Telugu Desam - TDP',
'Shiv Sena - SHS',
'AJSU Party - AJSUP',
'Rashtriya Lok Dal - RLD',
'Hindustani Awam Morcha (Secular) - HAMS',
'Janasena Party - JnP',
'Janata Dal (Secular) - JD(S)',
'Sikkim Krantikari Morcha - SKM',
'Janata Dal (United) - JD(U)',
'Independent - IND',
'Voice of the People Party - VOTPP',
'Bharat Adivasi Party - BHRTADVSIP',
'Zoram People's Movement - ZPM',
'Aazad Samaj Party (Kanshi Ram) - ASPKR',
'All India Majlis-E-Ittehadul Muslimeen - AIMIM',
'Shiromani Akali Dal - SAD',
'Yuvajana Sramika Rythu Congress Party - YSRCP'
)
```

100 %

1

0

Results

Messages

	Total_INDIA_Seats_Won
1	234

-- 6. Seats Won By I.N.D.I.A Alliance Parties

```
select Party as Party_Name ,Won as Total_INDIA_Seats_Won
from partywise_results
where Party not In ('Bharatiya Janata Party - BJP',
'Lok Janshakti Party(Ram Vilas) - LJPRV',
'Apna Dal (Soneylal) - ADAL',
'Rashtriya Loktantrik Party - RLTP',
```

```

'Asom Gana Parishad - AGP',
'Telugu Desam - TDP',
'Shiv Sena - SHS',
'AJSU Party - AJSUP',
'Rashtriya Lok Dal - RLD',
'Hindustani Awam Morcha (Secular) - HAMS',
'Janasena Party - JnP',
'Janata Dal (Secular) - JD(S)',
'Sikkim Krantikari Morcha - SKM',
'Janata Dal (United) - JD(U)',
'Independent - IND',
'Voice of the People Party - VOTPP',
'Bharat Adivasi Party - BHRTADVSIP',
'Zoram People's Movement - ZPM',
'Aazad Samaj Party (Kanshi Ram) - ASPKR',
'All India Majlis-E-Ittehadul Muslimeen - AIMIM',
'Shiromani Akali Dal - SAD',
'Yuva Jana Sramika Rythu Congress Party - YSRCP'
)
order by Total_INDIA_Seats_Won desc

```

Results Messages		
	Party_Name	Total_INDIA_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	Jharkhand Mukti Morcha - JMM	3
11	Indian Union Muslim League - IUML	3
12	Jammu & Kashmir National Conference - JKN	2
13	Viduthala Chiruthaigal Katchi - VCK	2
14	Communist Party of India - CPI	2
15	Communist Party of India (Marxist-Leninist) (Libera...	2
16	Kerala Congress - KEC	1
17	Marumalarchi Dravida Munnetra Kazhagam - MDMK	1
18	Nationalist Congress Party - NCP	1
19	United People's Party, Liberal - UPPL	1
20	Revolutionary Socialist Party - RSP	1

```

-- 7. Add new cloumn field in partywise_results to get the Party Alliance as NDA
, INDIA & Others
Alter table partywise_results
ADD Party_Alliance varchar(100);

update partywise_results
set Party_Alliance = 'NDA'
where Party In ('Bharatiya Janata Party - BJP',
'Lok Janshakti Party(Ram Vilas) - LJPRV',
'Apna Dal (Soneylal) - ADAL',
'Rashtriya Loktantrik Party - RLTP',
'Asom Gana Parishad - AGP',
'Telugu Desam - TDP',

```

```

'Shiv Sena - SHS',
'AJSU Party - AJSUP',
'Rashtriya Lok Dal - RLD',
'Hindustani Awam Morcha (Secular) - HAMS',
'Janasena Party - JnP',
'Janata Dal (Secular) - JD(S)',
'Sikkim Krantikari Morcha - SKM',
'Janata Dal (United) - JD(U)');

```

```

update partywise_results

```

```

set Party_Alliance = 'I.N.D.I.A'

```

```

where Party not In ('Bharatiya Janata Party - BJP',
'Lok Janshakti Party(Ram Vilas) - LJPRV',
'Apna Dal (Soneylal) - ADAL',
'Rashtriya Loktantrik Party - RLTP',
'Asom Gana Parishad - AGP',
'Telugu Desam - TDP',
'Shiv Sena - SHS',
'AJSU Party - AJSUP',
'Rashtriya Lok Dal - RLD',
'Hindustani Awam Morcha (Secular) - HAMS',
'Janasena Party - JnP',
'Janata Dal (Secular) - JD(S)',
'Sikkim Krantikari Morcha - SKM',
'Janata Dal (United) - JD(U)',
'Independent - IND',
'Voice of the People Party - VOTPP',
'Bharat Adivasi Party - BHRTADVSIP',
'Zoram People's Movement - ZPM',
'Aazad Samaj Party (Kanshi Ram) - ASPKR',
'All India Majlis-E-Ittehadul Muslimeen - AIMIM',
'Shiromani Akali Dal - SAD',
'Yuvajana Sramika Rythu Congress Party - YSRCP'
)

```

```

-- update partywise_results

```

```

-- set Party_Alliance = 'OTHER'

```

```

-- where Party_Alliance is NULL;

```

```

update partywise_results

```

```

set Party_Alliance = 'OTHER'

```

```

where Party_Alliance = 'Others';

```

Results		Messages		
	Party	Won	Party_ID	Party_Alliance
1	Aam Aadmi Party - AAP	3	1	I.N.D.I.A
2	Asom Gana Parishad - AGP	1	83	NDA
3	All India Majlis-E-Ittehadul Muslimeen - AIMIM	1	118	OTHER
4	All India Trinamool Congress - AITC	29	140	I.N.D.I.A
5	AJSU Party - AJSUP	1	160	NDA
6	Bharatiya Janata Party - BJP	240	369	NDA
7	Communist Party of India - CPI	2	544	I.N.D.I.A
8	Communist Party of India (Marxist-Leninist) (L...	2	545	I.N.D.I.A
9	Communist Party of India (Marxist) - CPI(M)	4	547	I.N.D.I.A
10	Dravida Munnetra Kazhagam - DMK	22	582	I.N.D.I.A
11	Hindustani Awam Morcha (Secular) - HAMS	1	664	NDA
12	Indian National Congress - INC	99	742	I.N.D.I.A
13	Independent - IND	7	743	OTHER
14	Indian Union Muslim League - IUML	3	772	I.N.D.I.A
15	Janata Dal (Secular) - JD(S)	2	804	NDA
16	Janata Dal (United) - JD(U)	12	805	NDA
17	Jammu & Kashmir National Conference - JKN	2	834	I.N.D.I.A
18	Jharkhand Mukti Morcha - JMM	3	852	I.N.D.I.A
19	Janasena Party - JnP	2	860	NDA
20	Kerala Congress - KEC	1	911	I.N.D.I.A
21	Marumalarchi Dravida Munnetra Kazhagam - ...	1	1046	I.N.D.I.A
22	Nationalist Congress Party - NCP	1	1142	I.N.D.I.A
23	Rashtriya Janata Dal - RJD	4	1420	I.N.D.I.A
24	Rashtriya Lok Dal - RLD	2	1458	NDA
25	Revolutionary Socialist Party - RSP	1	1534	I.N.D.I.A
26	Shiromani Akali Dal - SAD	1	1584	OTHER

-- 8. which party alliance won most seats across all states

```
select Party_Alliance, SUM(Won) as Total_Seats
from partywise_results
group by Party_Alliance
order by Total_Seats desc
```

Results		Messages	
	Party_Alliance	Total_Seats	
1	NDA	292	
2	I.N.D.I.A	234	
3	OTHER	17	

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

```
select a.Winning_Candidate, a.Constituency_Name , a.Parliament_Constituency ,
a.Total_Votes , a.Margin , b.Party_alliance
from constituencywise_results a
```

```
join partywise_results b
on a.Party_ID = b.Party_ID
```

```
join statewise_results c
on a.Parliament_Constituency = c.Parliament_Constituency
```

```
join states d
on d.State_ID = c.State_ID
```

where a.Constituency\_Name='AGRA'

Results Messages						
	Winning_Candidate	Constituency_Name	Parliament_Constituency	Total_Votes	Margin	Party_alliance
1	PROF S P SINGH BAGHEL	AGRA	AGRA(18)	599397	271294	NDA

-- 10. what is the distribution of EVM votes versus postal votes for candidates in a specific constituency

```
select a.Candidate, a.EVM_Votes , a.Postal_Votes, a.Total_Votes,
b.Constituency_Name
from constituencywise_details a
join constituencywise_results b
on a.Constituency_ID = b.Constituency_ID
where b.Constituency_Name = 'AMETHI'
```

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

-- 11. Which parties won the most seats in a state, and how many seats did each party win

```
select a.Party as Party_Name , count(a.Won) as Seats_Won
from partywise_results a
join constituencywise_results b
on a.Party_ID = b.Party_ID
join statewide_results c
on c.Parliament_Constituency = b.Parliament_Constituency
join states d
on d.State_ID = c.State_ID
where d.State = 'Karnataka'
group by a.Party
order by Seats_Won desc
```

Results		Messages
	Party_Name	Seats_Won
1	Bharatiya Janata Party - BJP	17
2	Indian National Congress - INC	9
3	Janata Dal (Secular) - JD(S)	2

```
-- 12. 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 d.state ,
sum(case when a.Party_Alliance = 'NDA ' then 1 else 0 end) as NDA_Seats_Won,
sum(case when a.Party_Alliance = 'I.N.D.I.A' then 1 else 0 end) as
INDIA_Seats_Won,
sum(case when a.Party_Alliance = 'OTHER' then 1 else 0 end) as Other_Seats_Won
from partywise_results a
join constituencywise_results b
on a.Party_ID = b.Party_ID
join statewise_results c
on c.Parliament_Constituency = b.Parliament_Constituency
join states d
on d.State_ID = c.State_ID
group by d.State
```

Results

Messages

	state	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	4	0
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	16	31	1
22	Manipur	0	2	0
23	Meghalaya	0	1	1
24	Mizoram	0	0	1
25	Nagaland	0	1	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	15	9	1
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

-- 13. Which candidate received the highest number of EVM votes in each constituency (Top 10)?

```
select Top 10
a.Candidate , a.Constituency_ID , b.Constituency_Name, a.EVM_Votes
from constituencywise_details a
join constituencywise_results b
on a.Constituency_ID = b.Constituency_ID
where a.EVM_Votes =
(
    select MAX(a1.EVM_Votes)
    from constituencywise_details a1
    where a1.Constituency_ID = a.Constituency_ID
)
order by a.EVM_Votes desc
```

Results		Messages		
	Candidate	Constituency_ID	Constituency_Name	EVM_Votes
1	RAKIBUL HUSSAIN	S032	DHUBRI	1468549
2	SHANKAR LALWANI	S1226	INDORE	1223746
3	SHIVRAJ SINGH CHOUHAN	S1218	VIDISHA	1111556
4	DR C N MANJUNATH	S1023	BANGALORERURAL	1075553
5	BRIJMOHAN AGRAWAL	S268	RAIPUR	1047447
6	ABHISHEK BANERJEE	S2521	DIAMONDHARBOUR	1043493
7	C R PATIL	S0625	NAVSARI	1023366
8	AMIT SHAH	S066	GANDHINAGAR	999984
9	SHOBHA KARANDLAJE	S1024	BANGALORENORTH	982805
10	EATALA RAJENDER	S297	MALKAJGIRI	980712

-- 14. Which candidate won and which candidate was the runner-up in each constituency of State for the 2024 elections?

```
with RankedCandidates as
( select
    a.Constituency_ID ,
```

```

        a.Constituency_Name ,
        b.Candidate,
        a.Total_Votes,
        Row_Number() over (partition by a.Constituency_ID order by a.Total_Votes desc)
as VoteRank
from constituencywise_results a
join constituencywise_details b
on a.Constituency_ID = b.Constituency_ID

join statewide_results c
on c.Parliament_Constituency = a.Parliament_Constituency

join states d
on d.State_ID = c.State_ID
where d.State = 'Karnataka'
)

select vr.Constituency_Name,
max(case when vr.VoteRank = 1 then vr.Candidate end) as Winninig_Candidate,
max(case when vr.VoteRank = 2 then vr.Candidate end) as Runnerup_Candidate
from RankedCandidates vr
group by vr.Constituency_Name
order by vr.Constituency_Name

```

	Constituency_Name	Winninig_Candidate	Runnerup_Candidate
1	BAGALKOT	GADDIGOUDAR. PARVATAGOUDA. CHANDANAGOUDA.	SAMYUKTA SHIVANAND PATIL
2	BANGALORECENTRAL	P C MOHAN	MANSOOR ALI KHAN
3	BANGALORENORTH	SHOBHA KARANDLAJE	PROFESSOR M.V RAJEEV GOWDA
4	BANGALORERURAL	DR C N MANJUNATH	D K SURESH
5	BANGALORESOUTH	TEJASVI SURYA	SOWMYA REDDY
6	BELGAUM	JAGADISH SHETTAR	MRINAL R HEBBALKAR
7	BELLARY	E. TUKARAM	B. SREERAMULU
8	BIDAR	SAGAR ESHWAR KHANDRE	BHAGWANTH KHUBA
9	BIJAPUR	RAMESH JIGAJINAGI	RAJU ALAGUR.
10	CHAMARAJANAGAR	SUNIL BOSE	BALARAJ S
11	CHIKKBALLAPUR	DR.K.SUDHAKAR	M.S. RAKSHA RAMAIAH
12	CHIKKODI	PRIYANKA SATISH JARKIHOI	ANNASAHEB SHANKAR JOLLE
13	CHITRADURGA	GOVIND MAKTHAPPA KARJOL	B.N.CHANDRAPPA
14	DAKSHINAKANNADA	CAPTAIN BRIJESH CHOWTA	PADMARAJ.R.POOJARY
15	DAVANAGERE	DR. PRABHA MALLIKARJUN	GAYITHRI SIDDESHWARA
16	DHARWAD	PRALHAD JOSHI	VINOD ASOOTI
17	GULBARGA	RADHAKRISHNA	DR. UMESH G JADHAV
18	HASSAN	SHREYAS. M. PATEL	PRAJWAL REVANNA
19	HAVERI	BASAVARAJ BOMMAI	ANANDSWAMY GADDADEVARM...
20	KOLAR	M. MALLESH BABU	K V GOWTHAM
21	KOPPAL	K. RAJASHEKAR BASAVARAJ HITNAL	DR . BASAVARAJ. K. SHARANAPPA
22	MANDYA	H.D. KUMARASWAMY	VENKATARAMANE GOWDA (STA...
23	MYSORE	YADUVEER KRISHNADATTA CHAMARAJA WADIYAR	M. LAKSHMANA
24	RAICHUR	G. KUMAR NAIK.	RAJA AMARESHWARA NAIK.
25	SHIMOGA	B.Y.RAGHAVENDRA	GEETHA SHIVARAJKUMAR
26	TUMKUR	V. SOMANNA	S.P. MUDDAHANUMEGOWDA
27	UDUPICHIKMAGALUR	KOTA SRINIVAS POOJARY	K. JAYAPRAKASH HEGDE
28	UTTARAKANNADA	VISHWESHWAR HEGDE KAGERI	DR. ANJALI NIMBALKAR

-- 15. For the state of Karnataka, 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 a.Constituency_ID) as Total_Seat,
    count(distinct e.Candidate) as Total_Candidate,
    count(distinct c.Party) as Total_parties,
    SUM(e.EVM_Votes + e.Postal_Votes) AS Total_Votes,
    SUM(e.EVM_Votes) AS Total_EVM_Votes,
    SUM(e.Postal_Votes) AS Total_Postal_Votes
from constituencywise_results a
join constituencywise_details e
on a.Constituency_ID = e.Constituency_ID
join statewise_results b
on a.Parliament_Constituency = b.Parliament_Constituency
join partywise_results c
on c.Party_ID = a.Party_ID
join states d
on b.State_ID = d.State_ID
where d.State = 'Karnataka'
```

Results		Messages				
	Total_Seat	Total_Candidate	Total_parties	Total_Votes	Total_EVM_Votes	Total_Postal_Votes
1	28	473	3	38793617	38643669	149948