

Q1. Total Seats:

SELECT

DISTINCT COUNT (Constituency name) as Total Seats

from constituencywise_results

	Total_Seats
1	543

Q2. What is the total number of seats available for elections in each state.

SELECT s.state , COUNT(cr.parliament_constituency)

FROM constituencywise_results cr

INNER JOIN statewise_results sr on cr.parliament_constituency =
sr.parliament_constituency

INNER JOIN states s on s.state_id = sr.state_id

GROUP BY s.state

ORDER BY s.state

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

Q3. Total Seats Won by NDA Allianz

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

```

Results		Messages	
	NDA_Total_Seats_Won		
1	292		

Q4. 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

Q5. Total Seats Won by I.N.D.I.A. Allianz

```

SELECT
    SUM(CASE
        WHEN party IN (
            'Indian National Congress - INC',
            'Aam Aadmi Party - AAP',
            'All India Trinamool Congress - AITC',
            'Bharat Adivasi Party - BHRTADVSIPI',
            '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

```

	INDIA_Total_Seats_Won
1	234

Q6 .Seats Won by I.N.D.I.A. Allianz 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 - 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'
    )
ORDER BY Seats_Won DESC

```

	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

Add new column field in table partywise_results to get the Party Allianz as NDA, 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;
```

Q7. Which party alliance (NDA, I.N.D.I.A, or OTHER) won the 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
```

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

Q8. Winning candidate's name, their party name, total votes, and the margin of victory for a specific state and constituency?

```
SELECT
cr.winning_candidate ,
pr.party ,
pr.party_alliance ,
cr.Total_Votes ,
cr.margin ,
s.state ,
cr.constituency_name
FROM constituencywise_results cr
INNER JOIN partywise_results pr ON cr.Party_ID = pr.Party_ID
INNER JOIN statewide_results sr ON cr.parliament_constituency = sr.Parliament_Constituency
INNER JOIN states s ON s.State_ID = sr.State_ID
WHERE cr.Constituency_Name = 'PUNE' AND s.state = 'Maharashtra'
```

	winning_candidate	party	party_alliance	Total_Votes	margin	state	constituency_name
1	MURLIDHAR MOHOL	Bharatiya Janata Party - BJP	NDA	584728	123038	Maharashtra	PUNE

Q9. What is the distribution of EVM votes versus postal votes for candidates in a specific constituency?

```
SELECT
cd.EVM_Votes ,
cd.postal_votes ,
cd.total_votes ,
cd.candidate ,
cr.Constituency_Name
FROM constituencywise_details cd
JOIN constituencywise_results cr ON cd.Constituency_ID = cr.Constituency_ID
WHERE cr.Constituency_Name = 'PUNE'
```

	EVM_Votes	postal_votes	total_votes	candidate	Constituency_Name
1	584171	557	584728	MURLIDHAR MOHOL	PUNE
2	461409	281	461690	DHANGEKAR RAVINDRA HEMRAJ	PUNE
3	31991	21	32012	VASANT (TATYA) MORE	PUNE
4	3969	5	3974	RANPISE PRASHANT DADARAM	PUNE
5	1644	1	1645	CHORMALE SANDIP SOPAN	PUNE
6	1451	0	1451	GORAKH NARAYAN GHODKE	PUNE
7	1052	0	1052	KIRAN LAXMAN RAYKAR	PUNE
8	859	1	860	ANIS ARASHID SUNDAKE	PUNE
9	788	1	789	SACHIN DATTATRAY DHANKUDE	PUNE
10	698	0	698	YUVRAJ CHANDRAKANT LIMBOLE	PUNE
11	645	5	650	DR. DEVYANI PANDIT	PUNE
12	533	1	534	NARENDRA DNYANESHWAR PAWTEKAR	PUNE
13	515	0	515	SAGAR SAMBHAJI PORE	PUNE
14	437	0	437	SURESH DNYANOBA PATIL	PUNE
15	433	0	433	AMBORE MANJUNATH MARUTI	PUNE
16	412	3	415	ASHWINI PRATIBHA KHAIRNAR	PUNE

Q10. Which candidate received the highest number of EVM votes in each constituency (Top 10)?

```
with RankedCandidate as (
    SELECT cr.Constituency_Name , cd.Candidate , cd.EVM_Votes ,
           ROW_NUMBER() over(partition by constituency_name order by evm_votes desc) as
rank_within_constituency
    from constituencywise_results cr
    JOIN constituencywise_details cd ON cr.Constituency_ID = cd.Constituency_ID)

SELECT top 10 constituency_name , candidate , evm_votes , rank_within_constituency
```

from RankedCandidate
where rank_within_constituency = 1
order by evm_votes desc

	constituency_name	candidate	evm_votes	rank_within_constituency
1	DHUBRI	RAKIBUL HUSSAIN	1468549	1
2	INDORE	SHANKAR LALWANI	1223746	1
3	VIDISHA	SHIVRAJ SINGH CHOUHAN	1111556	1
4	BANGALORERURAL	DR C N MANJUNATH	1075553	1
5	RAIPUR	BRIJMOHAN AGRAWAL	1047447	1
6	DIAMONDHARBOUR	ABHISHEK BANERJEE	1043493	1
7	NAVSARI	C R PATIL	1023366	1
8	GANDHINAGAR	AMIT SHAH	999984	1
9	BANGALORENORTH	SHOBHA KARANDLAJE	982805	1
10	MALKAJGIRI	EATALA RAJENDER	980712	1