INDIAN ELECTION RESULT

SQL Query PPT
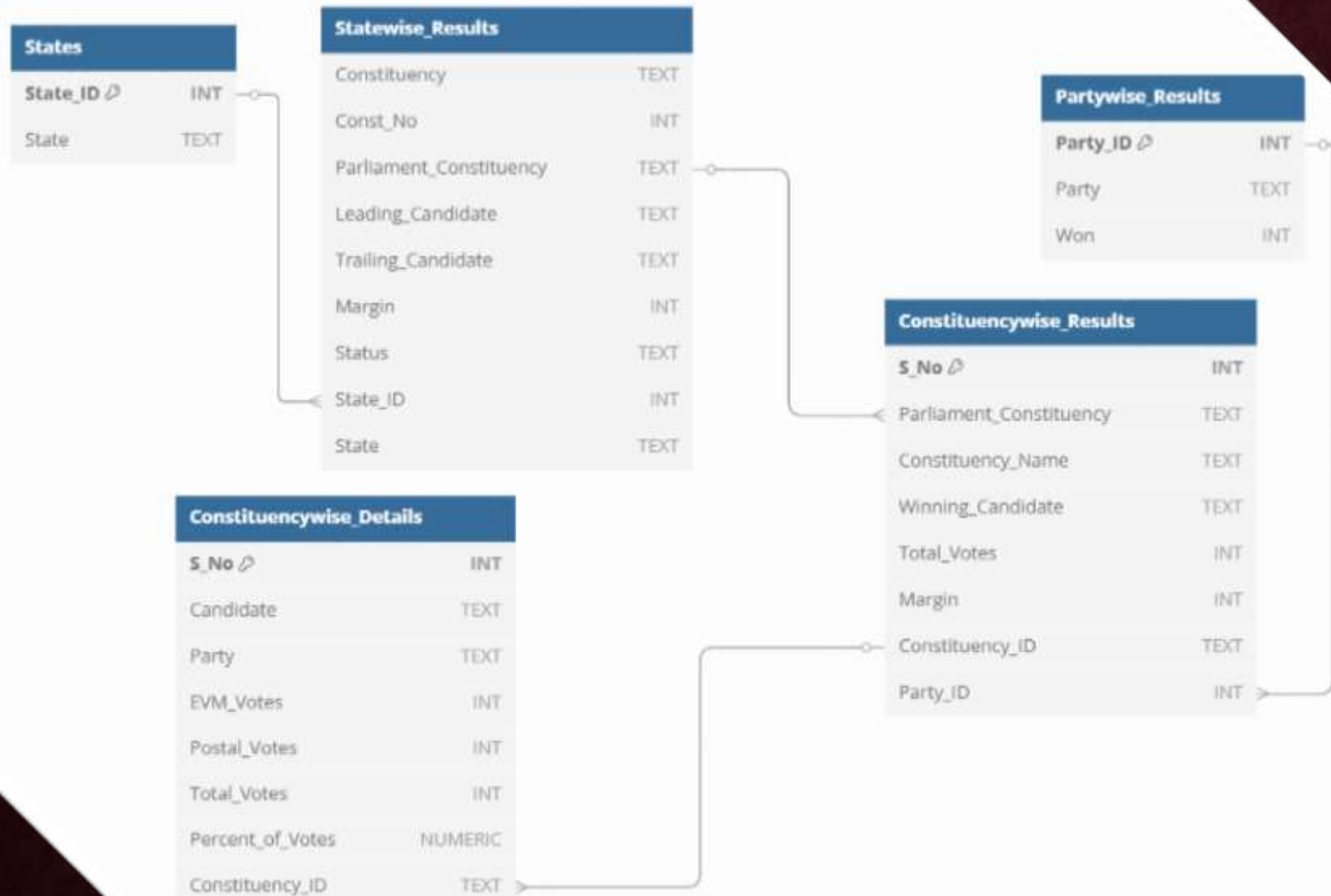
--1. FIND THE TOTAL NO. OF SEATS?

Select
Distinct Count (Parliament_Constituency) as
Total_Seats
From Constituencywise_Results

--2. WHAT IS THE TOTAL NUMBER OF SEATS AVAILABLE FOR ELECTIONS IN EACH STATE

```
Select
States.State as State_Name,
Count(Distinct
Constituencywise_Results.Constituency_Id) as
Total_Seats
From Constituencywise_Results
Join Statewise_Results
On
Constituencywise_Results.Parliament_Constituency =
Statewise_Results.Parliament_Constituency
Join States
On Statewise_Results.State_Id = States.State_Id
Group By States.State
Order By Total_Seats Desc;
```

--3.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
```

--4.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
```

--5. TOTAL SEATS WON BY I.N.D.I.A. ALLIANZ

```
Select
Sum(Case
When Party In (
'Indian National Congress - INC',
'Aam Aadmi Party - AAAP',
'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
```

--6. 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 - AAAP',
'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
```

--7. 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 - AAAP',
    '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;
```

--8.WHICH PARTY ALLIANCE (NDA, I.N.D.I.A, OR OTHER) WON THE MOST SEATS ACROSS ALL STATES?

```
Select
    Partywise_Results.Party_Alliance,
    Count(Constituencywise_Results.Constituency_Id) As
Seats_Won
From
    Constituencywise_Results
Join Partywise_Results
    On Constituencywise_Results.Party_Id =
Partywise_Results.Party_Id
Where
    Partywise_Results.Party_Alliance In ('NDA', 'I.N.D.I.A',
'Other')
Group By
    Partywise_Results.Party_Alliance
Order By
    Seats_Won Desc;
```

--9.WHAT IS THE DISTRIBUTION OF EVM VOTES VERSUS POSTAL VOTES FOR CANDIDATES IN A SPECIFIC CONSTITUENCY?

```sql
Select
   Constituencywise_Details.Candidate,
   Constituencywise_Details.Party,
   Constituencywise_Details.EVM_Votes,
   Constituencywise_Details.Postal_Votes,
   Constituencywise_Details.Total_Votes,
   Constituencywise_Results.Constituency_Name
From
   Constituencywise_Details
Join Constituencywise_Results
On Constituencywise_Details.Constituency_Id =
Constituencywise_Results.Constituency_Id
Where
   Constituencywise_Results.Constituency_Name = 'MATHURA'
Order By Constituencywise_Details.Total_Votes Desc;
```

--10. WHICH CANDIDATE RECEIVED THE HIGHEST NUMBER OF EVM VOTES IN EACH CONSTITUENCY (TOP 10)?

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