

SQL PROJECT

INDIA GENERAL ELECTION RESULT ANALYSIS 2024

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PROBLEM STATEMENT

- Total Seats
- What are the total number of seats available for elections in each state?
- Total Seats Won by NDA Alliance
- Seats Won by NDA Alliance Parties
- Total Seats Won by I.N.D.I.A. Alliance
- Seats Won by I.N.D.I.A. Alliance Parties
- Add new column field in table partywise_results to get the Party Alliance as NDA, I.N.D.I.A and OTHER
- Which party alliance (NDA, I.N.D.I.A, or OTHER) won the most seats across all states?
- Winning candidate's name, their party name, total votes, and the margin of victory for a specific state and constituency?

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PROBLEM STATEMENT

- What is the distribution of EVM votes versus postal votes for candidates in a specific constituency?
- Which parties won the most seats in a state, and how many seats did each party win in that state?
- 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?
- Which candidate received the highest number of EVM votes in each constituency (Top 10), along with the state name?
- Which candidate won and which candidate was the runner-up in each constituency of state for the 2024 elections?
- For the state of Maharashtra, 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?

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FUNCTIONALITIES YOU WILL LEARN

✓ DISTINCT

✓ COUNT()

✓ SUM()

✓ CASE

✓ JOIN

✓ ON

✓ ORDER BY

✓ GROUP BY

✓ MAX()

✓ ROW_NUMBER

✓ SELECT

✓ PARTITION BY

✓ OVER()

✓ WITH

✓ UPDATE

✓ ALTER TABLE

✓ ADD

✓ SET

✓ WHERE

✓ THEN

✓ ELSE

✓ HAVING

✓ WINDOW()

✓ CTE

✓ AVG()

✓ RANK

✓ DATE FUNCTIONS

✓ INNER JOIN

✓ LEFT JOIN

✓ MULTI TABLE JOINS

✓ SCHEMAS

✓ IIF()

✓ CAST()

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ENTITY RELATIONSHIP DIAGRAM (ERD) / SCHEMA

