

List Of top 5 Constituencies of 2014 in terms of voter turnout ratio



```
1 • SELECT pc_name,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_14  
4 group by pc_name  
5 order by voter_turnout_ratio desc  
6 limit 5;
```



Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Fetch rows:



	pc_name	voter_turnout_ratio
▶	Dhubri	88.35
	Nagaland	87.82
	Tamluk	87.59
	Bishnupur	86.72
	Lakshadweep	86.61

List Of Bottom 5 Constituencies of 2014 in terms of voter turnout ratio



```
1 • SELECT pc_name,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_14  
4 group by pc_name  
5 order by voter_turnout_ratio asc  
6 limit 5;
```



Result Grid



Filter Rows:

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Fetch rows:



	pc_name	voter_turnout_ratio
▶	Srinagar	25.86
	Anantnag	28.84
	Baramulla	39.13
	Kalyan	42.88
	Patna Sahib	45.33

List Of top 5 State of 2014 in terms of voter turnout ratio



```
1 • SELECT state,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_14  
4 group by state  
5 order by voter_turnout_ratio asc  
6 limit 5;
```



Result Grid



Filter Rows:

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Fetch rows:



	state	voter_turnout_ratio
▶	Jammu & Kashmir	49.66
	Bihar	56.25
	Uttar Pradesh	58.42
	Maharashtra	60.29
	Madhya Pradesh	61.59

List Of bottom 5 State of 2014 in terms of voter turnout ratio



```
1 • SELECT state,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_14  
4 group by state  
5 order by voter_turnout_ratio desc  
6 limit 5;
```



Result Grid



Filter Rows:

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Fetch rows:



	state	voter_turnout_ratio
▶	Nagaland	87.82
	Lakshadweep	86.61
	Tripura	84.72
	Dadra & Nagar Haveli	84.07
	Sikkim	83.33

List Of top 5 Constituencies of 2019 in terms of voter turnout ratio



```
1 • SELECT pc_name,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_19  
4 group by pc_name  
5 order by voter_turnout_ratio desc  
6 limit 5;
```



Result Grid



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Fetch rows:



	pc_name	voter_turnout_ratio
►	Dhubri	90.66
	Bishnupur	87.31
	Barpeta	86.55
	Jalpaiguri	86.49
	Arunachal East	86.46

List Of Bottom 5 Constituencies of 2019 in terms of voter turnout ratio



```
1 • SELECT pc_name,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_19  
4 group by pc_name  
5 order by voter_turnout_ratio asc  
6 limit 5;
```



Result Grid



Filter Rows:

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Fetch rows:



	pc_name	voter_turnout_ratio
▶	Anantnag	8.94
	Srinagar	14.43
	Baramulla	34.57
	Hyderabad	44.84
	Kalyan	45.29

List Of top 5 State of 2019 in terms of voter turnout ratio



```
1 • SELECT state,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_19  
4 group by state  
5 order by voter_turnout_ratio desc  
6 limit 5;
```



Result Grid



Filter Rows:

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Fetch rows:



	state	voter_turnout_ratio
▶	Lakshadweep	85.18
	Nagaland	82.91
	Manipur	82.54
	Tripura	82.35
	West Bengal	81.72

List Of bottom 5 State of 2019 in terms of voter turnout ratio



```
1 • SELECT state,  
2 round(sum(total_votes)*100/sum(distinct(total_electors)),2) as voter_turnout_ratio  
3 FROM fact_election_19  
4 group by state  
5 order by voter_turnout_ratio asc  
6 limit 5;
```



Result Grid



Filter Rows:

Export:



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Fetch rows:



	state	voter_turnout_ratio
▶	Jammu & Kashmir	44.84
	Bihar	57.30
	Uttar Pradesh	59.18
	Nct Of Delhi	60.58
	Maharashtra	60.96

Which constituencies has elected the same party for two consecutive elections, rank them by % votes to that winning party in 2019



```
1 • with x_14 as (SELECT pc_name, party,
2                 sum(total_votes) as cast_votes,
3                 sum(sum(total_votes)) over(partition by pc_name) as total_cast_votes
4                 FROM fact_election_14
5                 group by pc_name, party),
6 y_19 as (SELECT pc_name, party,
7              sum(total_votes) as cast_votes,
8              sum(sum(total_votes)) over(partition by pc_name) as total_cast_votes
9              FROM fact_election_19
10             group by pc_name, party),
11 z as (select pc_name, party,
12          cast_votes*100/total_cast_votes as vote_percentage_14,
13          row_number() over(partition by pc_name order by cast_votes desc) as rank_14
14          from x_14),
15 w as ( select pc_name, party,
16          cast_votes*100/total_cast_votes as vote_percentage_19,
17          row_number() over(partition by pc_name order by cast_votes desc) as rank_19
18          from y_19)
19 select n.pc_name, n.party,
20 round(vote_percentage_19,2) as vote_percentage_19
21 from z f
22 join w n on
23 f.pc_name=n.pc_name and f.party=n.party
24 where f.rank_14=1 and n.rank_19=1
25 order by n.vote_percentage_19 desc
```

Which constituencies have voted for different parties in two elections (list top 10 based on difference (2019-2014) in winner vote percentage in two elections)



```
• with x_14 as (SELECT pc_name, party, party_symbol,
                    sum(total_votes) as cast_votes,
                    sum(sum(total_votes)) over(partition by pc_name) as total_cast_votes
                FROM fact_election_14
                group by pc_name, party, party_symbol),
  y_19 as (SELECT pc_name, party, party_symbol,
                    sum(total_votes) as cast_votes,
                    sum(sum(total_votes)) over(partition by pc_name) as total_cast_votes
            FROM fact_election_19
            group by pc_name, party, party_symbol),
  z_14 as ( select pc_name, party, party_symbol,
                    round(cast_votes*100/total_cast_votes,2) as vote_percentage_14,
                    row_number() over(partition by pc_name order by cast_votes desc) as rank_14
            from x_14),
  w_19 as (select pc_name, party, party_symbol,
                    round(cast_votes*100/total_cast_votes,2) as vote_percentage_19,
                    row_number() over(partition by pc_name order by cast_votes desc) as rank_19
            from y_19)

select n.pc_name, n.party as party_19,
f.party as party_14, n.party_symbol as party_symbol_19,
f.party_symbol as party_symbol_14, n.vote_percentage_19,
f.vote_percentage_14, n.vote_percentage_19-vote_percentage_14 as diff_pct
from z_14 f join w_19 n
on f.pc_name=n.pc_name
where f.rank_14=1 and n.rank_19=1 and n.party<>f.party
order by diff_pct desc limit 10;
```

Top 5 candidates based on margin difference with runners in 2014



```
1  WITH RankedVotes AS ( SELECT
2      state, pc_name, candidate,
3      total_votes, total_electors,
4      ROW_NUMBER() OVER (PARTITION BY state, pc_name ORDER BY total_votes DESC) AS vote_rank
5  FROM fact_election_14),
6  MarginDifference AS ( SELECT
7      a.state, a.pc_name,
8      a.candidate AS winner,
9      b.candidate AS runner_up,
10     a.total_votes AS winner_votes,
11     b.total_votes AS runner_up_votes,
12     a.total_votes - b.total_votes AS margin
13 FROM RankedVotes a
14 JOIN RankedVotes b
15 ON  a.state = b.state
16 AND a.pc_name = b.pc_name
17 AND a.vote_rank = 1
18 AND b.vote_rank = 2)
19 SELECT state, pc_name,
20     winner, runner_up,
21     winner_votes,
22     runner_up_votes,
23     margin
24 FROM MarginDifference
25 ORDER BY margin DESC LIMIT 5;
```

Top 5 candidates based on margin difference with runners in 2019



```
WITH RankedVotes AS ( SELECT state, pc_name, candidate,
                          total_votes, total_electors,
                          ROW_NUMBER() OVER (PARTITION BY state, pc_name ORDER BY total_votes DESC) AS vote_rank
                        FROM fact_election_19),

MarginDifference AS ( SELECT a.state, a.pc_name,
                           a.candidate AS winner, b.candidate AS runner_up,
                           a.total_votes AS winner_votes, b.total_votes AS runner_up_votes,
                           a.total_votes - b.total_votes AS margin
                       FROM RankedVotes a
                       JOIN RankedVotes b
                       ON a.state = b.state
                       AND a.pc_name = b.pc_name AND a.vote_rank = 1 AND b.vote_rank = 2)

SELECT state, pc_name, winner,
       runner_up, winner_votes,
       runner_up_votes, margin
FROM MarginDifference
ORDER BY margin DESC
LIMIT 5;
```

% Split of votes of parties between 2014 Vs 2019 at national level



```
with votes_14 AS (SELECT party, SUM(total_votes) AS total_votes
                  FROM fact_election_14 GROUP BY party),
votes_19 AS      (SELECT party, SUM(total_votes) AS total_votes
                  FROM fact_election_19 GROUP BY party),
percentages_2014 AS (SELECT party, total_votes, round((total_votes / (SELECT SUM(total_votes) FROM votes_14) * 100),2) AS percentage_2014
                    FROM votes_14),
percentages_2019 AS (SELECT party, total_votes, round((total_votes / (SELECT SUM(total_votes) FROM votes_19) * 100),2) AS percentage_2019
                    FROM votes_19)
SELECT p2014.party AS party,
       p2014.total_votes AS total_votes_2014,
       p2019.total_votes AS total_votes_2019,
       p2014.percentage_2014, p2019.percentage_2019,
       (p2019.percentage_2019 - p2014.percentage_2014) AS percentage_change
FROM percentages_2014 p2014
LEFT JOIN percentages_2019 p2019
ON p2014.party = p2019.party

UNION

SELECT p2019.party AS party,
       p2014.total_votes AS total_votes_2014,
       p2019.total_votes AS total_votes_2019,
       p2014.percentage_2014, p2019.percentage_2019,
       (p2019.percentage_2019 - p2014.percentage_2014) AS percentage_change
FROM percentages_2014 p2014
RIGHT JOIN percentages_2019 p2019
ON p2014.party = p2019.party
WHERE p2014.party IS NULL;
```

% Split of votes of parties between 2014 Vs 2019 at state level



```
• with votes_2014 AS (SELECT state, party, SUM(total_votes) AS total_votes FROM fact_election_14 GROUP BY state, party),
  votes_2019 AS (SELECT state, party, SUM(total_votes) AS total_votes FROM fact_election_19 GROUP BY state, party),
  total_votes_2014 AS (SELECT state, SUM(total_votes) AS total_votes FROM votes_2014 GROUP BY state),
  total_votes_2019 AS (SELECT state, SUM(total_votes) AS total_votes
                        FROM votes_2019 GROUP BY state),
  percentages_2014 AS (SELECT v2014.state, v2014.party, v2014.total_votes,
                             round((v2014.total_votes / tv2014.total_votes * 100),2) AS percentage_2014
                        FROM votes_2014 v2014 JOIN total_votes_2014 tv2014
                        ON v2014.state = tv2014.state),
  percentages_2019 AS (SELECT v2019.state, v2019.party, v2019.total_votes,
                             round((v2019.total_votes / tv2019.total_votes * 100),2) AS percentage_2019
                        FROM votes_2019 v2019 JOIN total_votes_2019 tv2019 ON v2019.state = tv2019.state)

SELECT p2014.state, p2014.party, p2014.total_votes AS total_votes_2014,
       p2019.total_votes AS total_votes_2019,
       p2014.percentage_2014, p2019.percentage_2019,
       (p2019.percentage_2019 - p2014.percentage_2014) AS percentage_change
FROM percentages_2014 p2014 LEFT JOIN percentages_2019 p2019
ON p2014.state = p2019.state AND p2014.party = p2019.party

UNION SELECT p2019.state, p2019.party, p2014.total_votes AS total_votes_2014,
            p2019.total_votes AS total_votes_2019,
            p2014.percentage_2014, p2019.percentage_2019,
            (p2019.percentage_2019 - p2014.percentage_2014) AS percentage_change
FROM percentages_2014 p2014 RIGHT JOIN percentages_2019 p2019
ON p2014.state = p2019.state AND p2014.party = p2019.party
WHERE p2014.state IS NULL AND p2014.party IS NULL
ORDER BY state, party;
```


List top 5 constituencies for two major national parties where they have gain vote share in 2019 as compared to 2014



INC

```
WITH vote_2014 AS ( SELECT pc_name, party, sum(total_votes) as total_votes,
                    sum(sum(total_votes)) over(partition by pc_name) as total_pc_vote FROM fact_election_14
                    group by pc_name, party),
vote_2019 AS ( SELECT pc_name, party, sum(total_votes) as total_votes,
                   sum(sum(total_votes)) over(partition by pc_name) as total_pc_votes
                   FROM fact_election_19 group by pc_name, party),
vote_share_2014 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_14
                           from vote_2014),
vote_share_2019 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_19
                           from vote_2019),
vote_share_change AS ( SELECT v2014.pc_name, v2014.party,
                             v2014.vote_share_14, v2019.vote_share_19,
                             round((v2019.vote_share_19 - v2014.vote_share_14),2) AS vote_share_change
                             FROM vote_share_2014 v2014
                             JOIN vote_share_2019 v2019
                             ON v2014.pc_name = v2019.pc_name
                             AND v2014.party = v2019.party)

SELECT pc_name, party, vote_share_14, vote_share_19, vote_share_change
FROM vote_share_change
WHERE party = 'INC'
ORDER BY vote_share_change DESC
LIMIT 5;
```



```
WITH vote_2014 AS ( SELECT pc_name, party, sum(total_votes) as total_votes,
                    sum(sum(total_votes)) over(partition by pc_name) as total_pc_vote FROM fact_election_14
                    group by pc_name, party),
vote_2019 AS      ( SELECT pc_name, party, sum(total_votes) as total_votes,
                    sum(sum(total_votes)) over(partition by pc_name) as total_pc_votes
                    FROM fact_election_19 group by pc_name, party),
vote_share_2014 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_14
                           from vote_2014),
vote_share_2019 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_19
                           from vote_2019),
vote_share_change AS ( SELECT v2014.pc_name, v2014.party,
                             v2014.vote_share_14, v2019.vote_share_19,
                             round((v2019.vote_share_19 - v2014.vote_share_14),2) AS vote_share_change
                             FROM vote_share_2014 v2014
                             JOIN vote_share_2019 v2019
                             ON v2014.pc_name = v2019.pc_name
                             AND v2014.party = v2019.party)

SELECT pc_name, party, vote_share_14, vote_share_19, vote_share_change
FROM vote_share_change
WHERE party = 'BJP'
ORDER BY vote_share_change DESC
LIMIT 5;
```


List top 5 constituencies for two major national parties where they have lost vote share in 2019 as compared to 2014



INC

```
WITH vote_2014 AS ( SELECT pc_name, party, sum(total_votes) as total_votes,
                    sum(sum(total_votes)) over(partition by pc_name) as total_pc_votes
                    FROM fact_election_14
                    group by pc_name, party),
vote_2019 AS      ( SELECT pc_name, party, sum(total_votes) as total_votes,
                    sum(sum(total_votes)) over(partition by pc_name) as total_pc_votes
                    FROM fact_election_19
                    group by pc_name, party),
vote_share_2014 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_14
                           from vote_2014),
vote_share_2019 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_19
                           from vote_2019),
vote_share_change AS (SELECT v2014.pc_name, v2014.party,
                           v2014.vote_share_14, v2019.vote_share_19,
                           round((v2019.vote_share_19 - v2014.vote_share_14),2) AS vote_share_change
                           FROM vote_share_2014 v2014
                           JOIN vote_share_2019 v2019
                           ON v2014.pc_name = v2019.pc_name
                           AND v2014.party = v2019.party)

SELECT pc_name, party, vote_share_14, vote_share_19, vote_share_change
FROM vote_share_change
WHERE party = 'INC'
ORDER BY vote_share_change ASC
LIMIT 5;
```



```
WITH vote_2014 AS ( SELECT pc_name, party, sum(total_votes) as total_votes,
                     sum(sum(total_votes)) over(partition by pc_name) as total_pc_votes
                     FROM fact_election_14
                     group by pc_name, party),
vote_2019 AS      ( SELECT pc_name, party, sum(total_votes) as total_votes,
                     sum(sum(total_votes)) over(partition by pc_name) as total_pc_votes
                     FROM fact_election_19
                     group by pc_name, party),
vote_share_2014 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_14
                           from vote_2014),
vote_share_2019 as ( select pc_name, party,
                           round(total_votes*100/total_pc_votes,2) as vote_share_19
                           from vote_2019),
vote_share_change AS (SELECT v2014.pc_name, v2014.party,
                             v2014.vote_share_14, v2019.vote_share_19,
                             round((v2019.vote_share_19 - v2014.vote_share_14),2) AS vote_share_change
                             FROM vote_share_2014 v2014
                             JOIN vote_share_2019 v2019
                             ON v2014.pc_name = v2019.pc_name
                             AND v2014.party = v2019.party)

SELECT pc_name, party, vote_share_14, vote_share_19, vote_share_change
FROM vote_share_change
WHERE party = 'BJP'
ORDER BY vote_share_change ASC
LIMIT 5;
```

Which constituency has voted the most for VOTA



```
1 • select
2   state,
3   pc_name,
4   sum(total_votes) as NOTA_votes
5 from
6 fact_election_19
7 where party="NOTA"
8 group by state, pc_name
9 order by NOTA_votes desc limit 1;
10
```

<	Result Grid			Filter Rows: <input type="text"/>	Export:
	state	pc_name	NOTA_votes		
▶	Bihar	Gopalganj (Sc)	51660		

```
1 • select
2   state,
3   pc_name,
4   sum(total_votes) as NOTA_votes
5 from
6 fact_election_14
7 where party="NOTA"
8 group by state, pc_name
9 order by NOTA_votes desc limit 1;
10
```

<	Result Grid			Filter Rows: <input type="text"/>	Export:
	state	pc_name	NOTA_votes		
▶	Tamil Nadu	Nilgiris	46559		

Which constituencies have elected the candidates whose party less than 10 % votes share at state level in 2019.



```
WITH StateVoteShare AS ( SELECT state, party,
                           SUM(total_votes) AS total_party_votes,
                           SUM(SUM(total_votes)) OVER (PARTITION BY state) AS total_state_votes
                           FROM fact_election_19
                           GROUP BY state, party),
PartyVoteShare AS ( SELECT state, party,
                           total_party_votes,
                           total_state_votes,
                           round((total_party_votes * 100.0 / total_state_votes),2) AS vote_share
                           FROM StateVoteShare),
ElectedCandidates AS ( SELECT state,
                              pc_name, candidate,
                              party, total_votes,
                              rank() over( partition by state, pc_name order by total_votes desc) as rank_
                              FROM fact_election_19)

SELECT E.state,
       E.pc_name,
       E.candidate,
       E.party,
       P.vote_share
FROM ElectedCandidates E
JOIN PartyVoteShare P
ON E.state = P.state AND E.party = P.party
WHERE P.vote_share < 10 and E.rank_=1
```