Indian Census SQL Queries & Results

1. top 5 states in terms of voter turnout ratio for 2014 and 2019

select top 5 state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results1

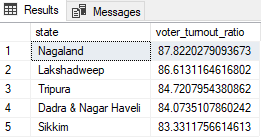
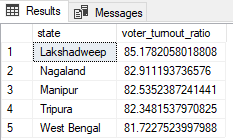
group by state

order by voter\_turnout\_ratio desc

select top 5 state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results2

group by state

order by voter\_turnout\_ratio desc

1. bottom 5 states in terms of voter turnout ratio for 2014 and 2019

select top 5 state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results1

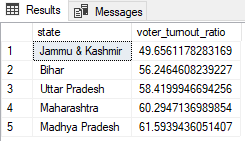
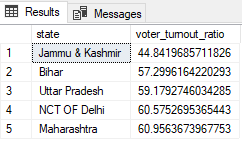
group by state

order by voter\_turnout\_ratio

select top 5 state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results2

group by state

order by voter\_turnout\_ratio

1. top 5 constituencies in terms of voter turnout ratio for 2014 and 2019

select top 5 pc\_name,state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results1

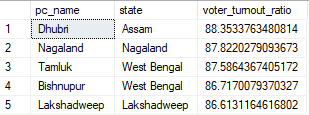
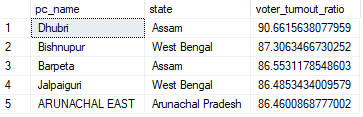
group by pc\_name,state

order by voter\_turnout\_ratio desc

select top 5 pc\_name,state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results2

group by pc\_name,state

order by voter\_turnout\_ratio desc

1. bottom 5 constituencies in terms of voter turnout ratio for 2014 and 2019

select top 5 pc\_name,state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results1

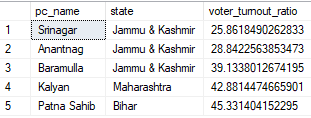
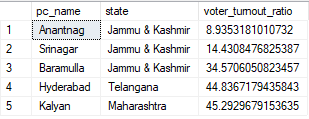
group by pc\_name,state

order by voter\_turnout\_ratio desc

select top 5 pc\_name,state,(sum(total\_votes)/sum(distinct total\_electors))\*100 as voter\_turnout\_ratio from results2

group by pc\_name,state

order by voter\_turnout\_ratio desc

1. constituency which voted the most for NOTA

select top 5 pc\_name,sum(total\_votes) votes from Appended

where party = 'NOTA'and year=2014

group by pc\_name

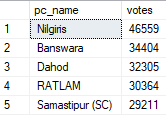
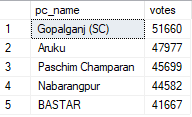
order by votes desc

select top 5 pc\_name,sum(total\_votes) votes from Appended

where party = 'NOTA'and year=2019

group by pc\_name

order by votes desc

1. constituencies voting for same parties for both years

select top 5 t1.pc\_name,t1.party,t2.ratio-t1.ratio as ratio\_diff from

(select \* from

(select \*,dense\_rank() over(partition by pc\_name order by ratio desc) rnk from

(select pc\_name,party,year,(total\_votes/total\_electors)\*100 ratio from results1)a)b

where rnk=1) t1

join

(select \* from

(select \*,dense\_rank() over(partition by pc\_name order by ratio desc) rnk from

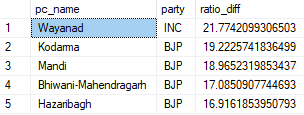
(select pc\_name,party,year,(total\_votes/total\_electors)\*100 ratio from results2)a)b

where rnk=1) t2

on t1.pc\_name = t2.pc\_name and t1.year != t2.year

where t1.party = t2.party

order by ratio\_diff desc



1. constituencies voting for different parties for both years

select top 5 t1.pc\_name,t1.party,t2.ratio-t1.ratio as ratio\_diff from

(select \* from

(select \*,dense\_rank() over(partition by pc\_name order by ratio desc) rnk from

(select pc\_name,party,year,(total\_votes/total\_electors)\*100 ratio from results1)a)b

where rnk=1) t1

join

(select \* from

(select \*,dense\_rank() over(partition by pc\_name order by ratio desc) rnk from

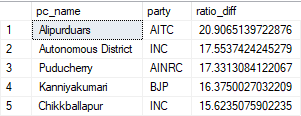
(select pc\_name,party,year,(total\_votes/total\_electors)\*100 ratio from results2)a)b

where rnk=1) t2

on t1.pc\_name = t2.pc\_name and t1.year != t2.year

where t1.party !=t2.party

order by ratio\_diff desc



1. Top constituencies for two major parties where they have gained vote share in 2019 compared to 2014

select top 5 t1.pc\_name,t1.party,t1.votes-t2.votes vote\_diff from

(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'BJP' and year=2019

group by party,pc\_name) t1

join

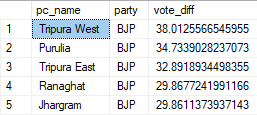
(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'BJP' and year=2014

group by party,pc\_name) t2 on t1.pc\_name=t2.pc\_name

where t1.votes>t2.votes

order by vote\_diff desc



select top 5 t1.pc\_name,t1.party,t1.votes-t2.votes vote\_diff from

(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'INC' and year=2019

group by party,pc\_name) t1

join

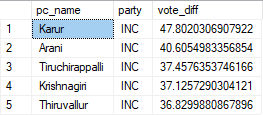
(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'INC' and year=2014

group by party,pc\_name) t2 on t1.pc\_name=t2.pc\_name

where t1.votes>t2.votes

order by vote\_diff desc



1. Top constituencies for two major parties where they have lost vote share in 2019 compared to 2014

select top 5 t1.pc\_name,t1.party,t2.votes-t1.votes vote\_diff from

(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'BJP' and year=2019

group by party,pc\_name) t1

join

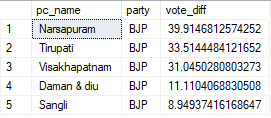
(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'BJP' and year=2014

group by party,pc\_name) t2 on t1.pc\_name=t2.pc\_name

where t1.votes<t2.votes

order by vote\_diff desc



select top 5 t1.pc\_name,t1.party,t2.votes-t1.votes vote\_diff from

(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'INC' and year=2019

group by party,pc\_name) t1

join

(select pc\_name,party,(sum(total\_votes)/sum(distinct total\_electors))\*100 votes from Appended

where party = 'INC' and year=2014

group by party,pc\_name) t2 on t1.pc\_name=t2.pc\_name

where t1.votes<t2.votes

order by vote\_diff desc

