

Kalvium- Data Analyst Role Task

Data Analysis on Election Results -2024

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Data Scraping:

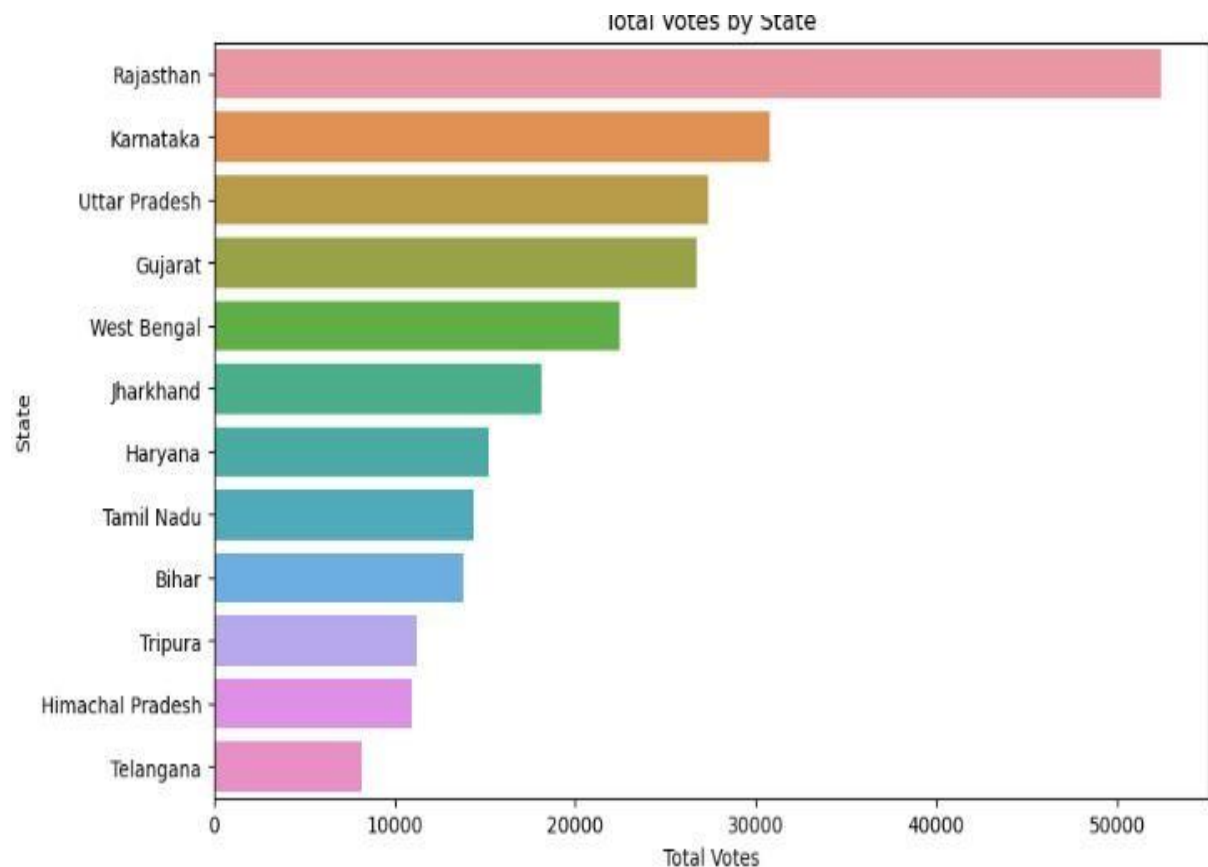
To begin with data collection, I have performed web scraping on <https://results.eci.gov.in> for data extraction. I've compiled information on winning candidates in the Lok Sabha elections. This dataset includes their state, constituency, total votes garnered, and victory margin. Additionally, I've gathered data on by-elections conducted in twenty five constituencies.

Data Analysis of lok sabha data:

From my analysis I got to know some insights and trends, they are :

1.Top States by votes for by elections :

Rajasthan is the state with high no of votes in by elections ,followed by **Karnataka**



2.State and their most influencial party :

eg: In the state of ANDHRA PRADESH ,(TDP) **Telugu Desam party** have highest influence with **102436.0**

	State	Party	Total Votes
0	Andaman and Nicobar Islands	Bharatiya Janata Party	102436.0
3	Andhra Pradesh	Telugu Desam	12232822.0
5	Arunachal Pradesh	Bharatiya Janata Party	350998.0
7	Assam	Bharatiya Janata Party	6325107.0
10	Bihar	Bharatiya Janata Party	6628026.0
18	Chandigarh	Indian National Congress	216657.0
19	Chhattisgarh	Bharatiya Janata Party	7403197.0
21	Dadra & Nagar Haveli and Daman & Diu	Bharatiya Janata Party	121074.0
23	Goa	Bharatiya Janata Party	257326.0
25	Gujarat	Bharatiya Janata Party	17348473.0

1. Party and Its Influence and also its vote share :

Here ,for each party we have got to know the how many states its has most influence on,By this analysis we got to know the top 2 parties with most influence are : ***Bharatiya Janata Party (47%)*** and ***Indian National Congress (16%)*** .

2. Close Contestants with narrow margins:

There have been 2 contestants with less than 1000 margin,from **Kerala** and **Maharastra**.

3.Top and least performing winning Candidates:

From this we can know about the top influencing candidates in elections which inturns shows that if a party has more best candidates its chance of winning increases

3. Top 10 performing candidates:

Winning Candidate	Party	Total Votes	Margin
RAKIBUL HUSSAIN	Indian National Congress	1471885.0	1012476.0
RAHUL GANDHI	Indian National Congress	1335094.0	377226.0
SHANKAR LALWANI	Bharatiya Janata Party	1226751.0	1175092.0
SHIVRAJ SINGH CHOUHAN	Bharatiya Janata Party	1116460.0	821408.0
DR C N MANJUNATH	Bharatiya Janata Party	1079002.0	269647.0
BRIJMOHAN AGRAWAL	Bharatiya Janata Party	1050351.0	575285.0
ABHISHEK BANERJEE	All India Trinamool Congress	1048230.0	710930.0
C R PATIL	Bharatiya Janata Party	1031065.0	773551.0
AMIT SHAH	Bharatiya Janata Party	1010972.0	744716.0
EATALA RAJENDER	Bharatiya Janata Party	991042.0	391475.0

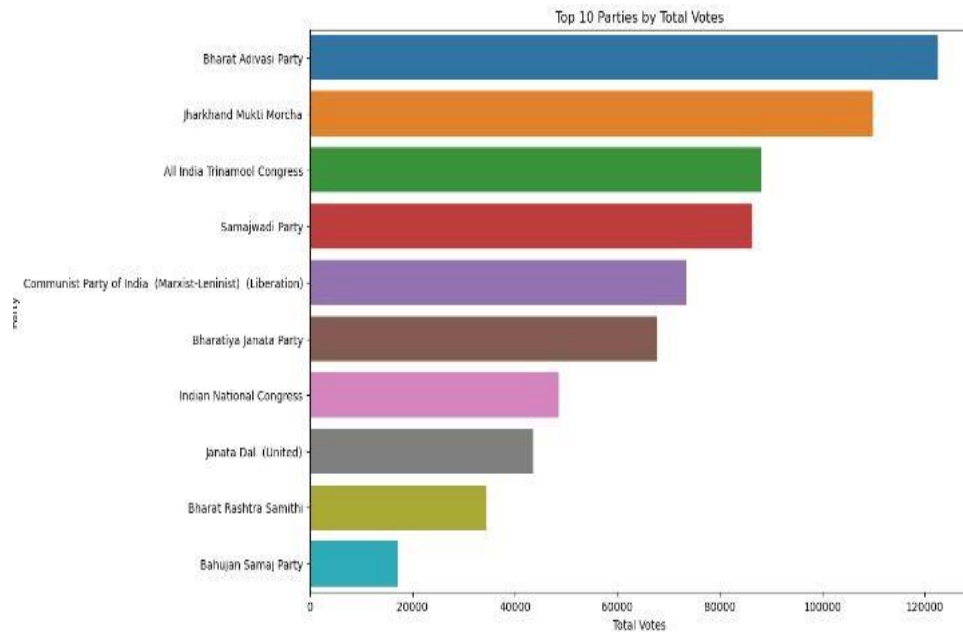
4. Top State interms of Votes:

Uttar Pradesh followed by **West Bengal** have gained higher no of voters

(Insights from by-elections:)

6.Top Influencing Parties in by election :

Bharat Adivasi Party with **122573** of average votes and **Jharkhand Mukti Morcha** with **109827** votes



7. Here as we got highest performing party as **BJP** only with, 45.24 % followed by **INC** with 24.03 %

8. Candidate with the most postal votes:

Constituency: Vilavancode

Candidate: THARAHAI CUTHBERT

Party: Indian National Congress

Postal Votes: 1667

Party with the most postal votes:

Party: Bharatiya Janata Party

Postal Votes: 13912

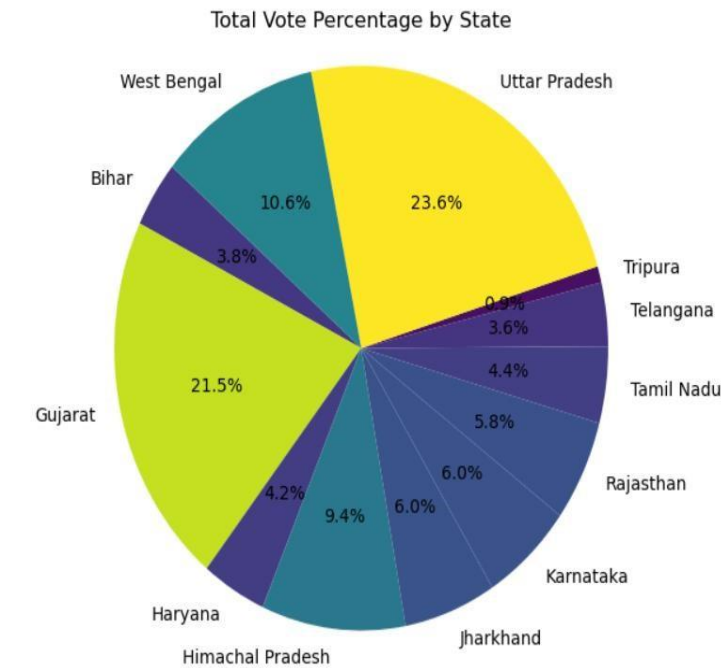
9. Highest Voter Turnout Ratio :

From our analysis we have seen that there are almost **250** constituencies with voter turnout greater than average

10. Party and Candidate with Most EVM Votes Overall:

Candidate O. P. SRIVASTAVA

Party Bharatiya Janata Party
EVM Votes 142314



10.Least 10:

		Party	Total Votes	Margin
Winning Candidate				
MANISH TEWARI	Indian National Congress		216657.0	2504.0
RICHARD VANLALHMANGAIHA	Zoram People's Movement		208552.0	68288.0
KIREN RIJIJU	Bharatiya Janata Party		205417.0	100738.0
INDRA HANG SUBBA	Sikkim Krantikari Morcha		164396.0	80830.0
TAPIR GAO	Bharatiya Janata Party		145581.0	30421.0
DELKAR KALABEN MOHANBHAI	Bharatiya Janata Party		121074.0	57584.0
BISHNU PADA RAY	Bharatiya Janata Party		102436.0	24396.0
MOHMAD HANEEFA	Independent		65259.0	27862.0
PATEL UMESHBHAI BABUBHAI	Independent		42523.0	6225.0
MUHAMMED HAMDULLAH SAYEED	Indian National Congress		25726.0	2647.0