Abstract:

This script performs a detailed analysis of the 2024 election results, offering insights into party performance, candidate margins, and vote distribution across various constituencies. The analysis begins by identifying the parties with the **highest and lowest margin of victory**, using the 'Margin' column to evaluate the largest and smallest winning margins. It then visualizes the **number of seats won** by each party, highlighting party dominance and electoral success through a bar plot. A specific focus is placed on the votes for **Narendra Modi**, **Rahul Gandhi**, and **Amit Shah**, comparing their performance across constituencies. This is illustrated with a bar plot that shows the number of votes each candidate received in their respective constituencies. Additionally, the script identifies the **highest and lowest victory margins** by candidate, providing a visual comparison of the margin of victory for the top-performing and lowest-performing candidates in the election. A **pie chart** is used to display the **vote distribution by party**, emphasizing the relative share of total votes each party received. Finally, the analysis ranks the **top 10 leading and trailing parties** both by **votes** and **seats**, offering a comparative view of their electoral success. Overall, this comprehensive analysis provides a deeper understanding of electoral trends, party strength, and candidate performance in the 2024 elections.