



INDIA ELECTION 2024:

The Lok Sabha is composed of representatives of people chosen by direct election on the basis of Universal Adult Suffrage. The Constitution of India allows for a maximum of 550 members in the House, with 530 members representing the States and 20 representing the Union Territories. At present, the Lok Sabha has 543 seats filled by elected representatives. The term of the Lok Sabha, unless dissolved, is five years from the date appointed for its first meeting. However, while a proclamation of emergency is in operation, this period may be extended by Parliament by law for a period not exceeding one year at a time and not extending in any case, beyond a period of six months after the proclamation has ceased to operate.

DATA ANALYSIS:

Data analysis is the process of inspecting, cleaning, transforming, and modeling data with the goal of discovering useful information, drawing conclusions, and supporting decision-making. It involves a variety of techniques and tools to understand patterns, trends, and relationships within data sets. The process typically begins with data collection and preparation, where raw data is organized and formatted for analysis. This is followed by exploratory data analysis (EDA), which uses statistical methods and visualizations to identify initial insights. Advanced analytical methods, such as machine learning algorithms, may be employed to predict outcomes and identify correlations. Data analysis is crucial in various fields, including business, science, healthcare, and social sciences, as it provides evidence-based insights that drive strategic planning, operational efficiency, and innovation. Effective data analysis requires a combination of domain knowledge, statistical.

DATA ANALYSIS OF 2024 ELECTIONS:

The data analysis of the 2024 elections in India involves examining voter turnout, demographic influences, and regional voting patterns to understand the electoral outcome. Analysts utilize historical voting data, exit polls, and pre-election surveys to predict trends and identify key issues influencing voter behavior. Social media sentiment analysis, along with traditional media coverage, provides insights into public opinion and campaign effectiveness. The analysis also includes scrutinizing the performance of major political parties like the BJP and Congress, as well as regional parties, in different states. By evaluating the data, analysts can assess the impact of economic policies, social issues, and leadership on voter preferences. This comprehensive analysis helps in predicting electoral outcomes, understanding voter dynamics, and crafting strategies for future elections.

THE TASK:

The task was to compile the election data from freely available data on the internet, clean the data so that to run an analysis on the same, and do an analysis to get some of the important insights from the Elections held in 2024. Further part of this is to use this data, and analysis to predict the winning chance of a given candidate.

ABOUT THE DATA:

This data was scraped from the website of <https://results.eci.gov.in/> to get the personal information of each candidate (as per their own sworn affidavits) and the website of Election Commission of India to get the data about the votes received. Later, merged both these datasets to create this comprehensive dataset. Only the candidates who secured at least 1% of the total votes polled in their constituency have been included.

BASIC CANDIDATE DETAILS:

- STATE
- CONSTITUENCY
- NAME
- WINNER
- PARTY
- GENDER
- AGE
- RELIGION
- EDUCATION
- ASSESTS
- LIABILITIES
- TOTAL VOTES
- MARGIN