**ABSTRACT**

**TOPIC:** INDIAN GENERAL ELECTION RESULT ANALYSIS

The Indian General Elections of 2024 marked a pivotal moment in the nation's democratic journey. This study aims to dissect and analyze constituency level and alliance level election outcomes. By utilizing Power Bi, which is particularly effective at producing a clear analysis for the election, this significant problem can be resolved. This tool is used to evaluate the data by producing creative bar, pie, and other charts which on visualized, provide greater understanding for people. Additionally, this is used to make a variety of predictions and display them in a visual model, including the number of votes a party received, the percentage of male voters who chose a party. This tool is used to evaluate the improved performance of parties in the Assembly and Parliamentary Constituency and to examine the part that caste and community played in each election throughout the years and it is used to evaluate the more effective candidate who ran for office continuously each year in both elections

* Capture key performance indicators such as seat counts by alliance (NDA, INDIA, Others), vote share breakdowns, winning margins, and swing constituencies.
* Employ clustering algorithms to profile constituencies based on victory margins.
* Enable interactive visual exploration via Power BI dashboards.

**Tech Stack:**

* Data Storage & Querying: SQL (e.g., SQL Server, SQLite, PostgreSQL)
* Data Preparation & Analysis: Python with libraries like Pandas, NumPy, Matplotlib, Seaborn, and scikit-learn for clustering
* Visualization & Reporting: Power BI for interactive dashboards and exploration
* Development Environment: Jupyter Notebook for structured analysis and documentation

**Key Datasets:**

* Election Commission of India / LokSabha / TCPD — comprehensive constituency level data covering 2024 (and earlier years) The Hindu
* IndiaVotes — searchable seat and vote share data by alliance and party across states IndiaVotes
* Kaggle Collections — e.g., Lok Sabha results for 2014 & 2019, constituency wise data, geoJSON for mapping NewsData
* <https://drive.google.com/drive/folders/16j_esR-c-_Q5tsJKOXaNAEhHrdlTAL6o>

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