**KALVIUM – Data Analysis**

**Introduction -** In this project, I utilized a Google Chrome extension and BeautifulSoup to scrape data from election websites. Analyzing this information, I uncovered ten critical insights into the 2024 Lok Sabha election results.

**Key Insights:**

1) **Total Seats Won**

* The BJP has secured a significant lead with 240 seats, making up about 44.2% of the total seats.
* The INC follows with 99 seats, accounting for 18.2% of the total.

2) **Vote Margins for BJP**:

* The BJP data shows a range of victory margins. Some candidates won with significant margins (e.g., over 200,000 votes), indicating strong support in those constituencies.

3) **Vote Margins for Congress**:

* Congress candidates also had varying margins, with some narrow wins and some larger victories, reflecting their competitive standing in specific regions

4) **Top Performers**:

* **BJP**: Candidates like C.M. Ramesh and Daggubati Purandheswari had substantial vote counts and margins.
* **Congress**: Candidates such as Rakibul Hussain and Pradyut Bordoloi received high vote counts, showcasing their popularity.

5) **Geographical Performance**:

* **BJP**: Their victories were spread across various states, indicating a broad base of support.
* **Congress**: Their wins were concentrated in certain regions, highlighting areas of strong influence.

6) **Comparison of Vote Shares**:

* In constituencies where both BJP and Congress were strong contenders, the vote share comparison would be crucial to understand voter preferences.

7) **Swing Constituencies**:

* Identifying constituencies that switched from BJP to Congress or vice versa would be key to understanding shifts in voter sentiment.

8) **Key Battlegrounds**:

* Narrow victory margins in several constituencies suggest highly contested battlegrounds.

9) **Party Dominance**:

* Certain constituencies were dominated by one party, reflected in large victory margins and high vote counts.

10) **Impact of Smaller Parties**:

* Smaller parties, though not winning as many seats, played a significant role in the overall electoral dynamics.
* There are 42 parties in total, and all have won at least one seat.