

Proposed Solution Template

Date	9 October 2023
Team ID	NM2023TMID07655
Project Name	Quantitative Analysis of candidates in 2019 Lok Sabha Elections

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Data collection	Gather election results, including vote share and seat distribution, at the constituency and national levels.
2.	Demographic Profiling	Utilize demographic data to categorize voting patterns based on age, gender, and socioeconomic factors.
3.	Social Media Analytics	Employ social media analytics tools to quantify online interactions, sentiment, and trends related to political parties and candidates.
4.	Economic Correlation	Correlate election results with economic indicators such as GDP growth, unemployment rates, and inflation to identify any relationships.
5.	Geospatial Analysis	Use geospatial tools to map voting patterns and identify regional trends, considering factors like urban vs. rural distinctions.
6.	Incumbency Impact	Analyze the impact of incumbency on re-election rates, considering historical data and candidate profiles
7.	Voter Turnout Metrics	Calculate voter turnout rates for various regions to understand areas of strong or weak political engagement.
8.	Visualization Tools	Utilize data visualization tools to present findings in a clear and compelling manner, facilitating easier interpretation