INDIA GENERAL ELECTION RESULTS – 2024

PROBLEM STATEMENT

# DASHBOARD 1: OVERVIEW ANALYSIS

The **India General Election Results – 2024** dashboard aims to provide a **comprehensive overview** of the election outcomes with a focus on **seat distribution among key alliances and independent candidates**. The dashboard will help **political analysts, researchers, and the general public** gain insights into the election performance of major political groups.

## KPI’s

1. **NDA Performance**
   * Total **seats won by the NDA alliance**.
   * **Percentage of total seats** secured by NDA.
   * **Bookmark**: A grid matrix **details table** showing all **seats won by the NDA Alliance**.
2. **I.N.D.I.A. Performance**
   * Total **seats won by the I.N.D.I.A. alliance**.
   * **Percentage of total seats** secured by I.N.D.I.A.
   * **Bookmark**: A grid matrix **details table** showing all **seats won by the I.N.D.I.A. Alliance**.
3. **Independent & Other Parties Performance**
   * Total **seats won by independent candidates** and smaller parties.
   * **Percentage of total seats** won by this group.
   * **Bookmark**: A grid matrix **details table** showing all **seats won by Independent and Other Parties**.

## NDA Alliance Analysis

* **Identify all parties within NDA** that won seats.
* Display **each party's seat count along with their party logos**.

## I.N.D.I.A. Alliance Analysis

* **Identify all parties within I.N.D.I.A.** that won seats.
* Display **each party's seat count along with their party logos**.

# DASHBOARD 2: STATE DEMOGRAPHIC ANALYSIS

The India General Election Results – 2024 dashboard provides an in-depth state-wise and constituency-wise analysis of the election outcomes. It offers a geographical breakdown of seat distributions, winning parties, and candidates, helping analysts, policymakers, and citizens understand the political landscape at different levels.

## Total Seats, Alliance with Majority Seats, NDA Seats and I.N.D.I.A. Seats by State

* + Displays **Total Seats, Alliance with Majority Seats, NDA Seats, and I.N.D.I.A. Seats** at the state level.
  + **Visual Representation:**
    - **Map Chart by State**
    - Tooltip includes **Total Seats, Majority Alliance, NDA Seats, and I.N.D.I.A. Seats** per state.
    - **Drill-through** to a **grid details table** showing all **underlying data per state**.

## Winning Candidate & Party by Constituency

* + Displays **Winning Candidate, Winning Party, Total Votes, and Total Margin** per constituency.
  + **Visual Representation:**
    - **Bubble Map Chart**
    - Each Bubbles represent a **constituency.**
    - **Color-coded bubbles** to distinguish **NDA, I.N.D.I.A., and OTHER seats**.
    - **Drill-through** to a **grid details table** showing all **underlying constituency data**.

## State with the Maximum Seats won by either the NDA Alliance or the

**I.N.D.I.A. Alliance**

* Identifies the state where either **NDA or I.N.D.I.A. won the most seats**.
* **Visual Representation:**
  + **State-wise Map Chart**
  + **Color-coded states** based on the **majority alliance** in each state.
  + **Drill-through** to a **grid details table** showing all **underlying seat data** for that state.

# DASHBOARD 3: POLITICAL LANDSCAPE BY STATE

The State Analysis dashboard provides a state-wise breakdown of the India General Election 2024 results. It enables users to analyze the performance of different political alliances and parties within a selected state, helping with comparative analysis, decision-making, and trend identification.

## KPI’s

**Dynamic Selection:** Users can select a specific state from a filter.

* **Key Metrics Display:**
  + Seats won by **I.N.D.I.A. Alliance**
  + Seats won by **NDA Alliance**
  + Seats won by **Independent & Other Parties**

## Charts & Visualizations

1. **State Map Chart:**
   * Displays the selected state with its constituency boundaries.
   * Highlights the distribution of seats across constituencies.
2. **Party-wise Result (Grid View):**
   * Displays all parties that won seats in the selected state.
   * Includes the alliance affiliation of each party (NDA, I.N.D.I.A., or Independent).
3. **Party-wise Seat Share (Donut Chart):**
   * Represents the percentage share of total seats won by each party in the selected state.
   * Provides a visual comparison of party dominance within the state.

# DASHBOARD 4: CONSTITUENCY ANALYSIS

The **Constituency Analysis** dashboard provides an **in-depth analysis** of election results for a **selected constituency**, allowing users to examine **voter turnout, candidate performance, and seat outcomes**. This dashboard helps **political analysts, researchers, and citizens** gain insights into the **competitive landscape** at the constituency level.

## KPI’s - Primary (Overall Election Metrics for the Selected Constituency)

* **Total Votes** cast in the constituency.
* **Total EVM Votes** recorded.
* **Total Postal Votes** counted.
* **Total Candidates** participating in the elections for that constituency.

## KPI’s - Secondary (Candidate Performance Overview)

1. **Winning Candidate:**
   * **State**
   * **Winning Candidate Name**
   * **Party Name**
   * **Total Votes Secured**
   * **Vote Share (%)**
2. **Runner-up Candidate:**
   * **State**
   * **Candidate Name**
   * **Party Name**
   * **Total Votes Secured**
   * **Vote Share (%)**
3. **2nd Runner-up Candidate:**
   * **State**
   * **Candidate Name**
   * **Party Name**
   * **Total Votes Secured**
   * **Vote Share (%)**

# DASHBOARD 5: DETAILS GRID

The **Details Grid** dashboard provides a **comprehensive tabular view** of the election results at the **constituency level**. It serves as a **data exploration tool**, allowing users to drill through from other dashboards and **export election data for further analysis**.

## Grid View Fields

The grid will display the following fields:

* **Constituency Name**
* **Winning Candidate**
* **Runner-Up Candidate**
* **Party Name** (Winning Party)
* **Party Alliance** (NDA, I.N.D.I.A., or Independent)
* **EVM Votes** (Electronic Voting Machine Votes)
* **Postal Votes** (Postal Ballots Counted)
* **Total Votes** (Sum of EVM + Postal Votes)
* **Margin** (Vote difference between Winner & Runner-Up)

## Functionalities

1. **Drill-Through Capability**
   * Users can **drill through from other dashboards** (State Analysis, Constituency Analysis, etc.) to view the detailed **underlying data** for a specific state or constituency.
2. **Data Export Option**
   * The grid should allow users to **export the data as an Excel file** for further external analysis.
3. **Show All Data Button (Using Bookmark)**
   * A **button will be provided** to refresh the grid and display **all relevant data**

after filters are applied and drill-through actions are performed.

# DASHBOARD 6: LANDING PAGE

The **Landing Page** serves as the **central navigation hub** for the **India General Election Results 2024** dashboard. It allows users to seamlessly navigate between different analytical dashboards and ensures a **user-friendly experience** with easy access to all key insights.

## Dashboard Navigation Menu

The landing page will provide **clickable buttons/cards** to navigate to the following dashboards:

* + **Overview Analysis**
  + **State Demographics**
  + **Political Landscape by State**
  + **Constituency Analysis**

Each button will be designed to provide **quick access** to the respective dashboard with a

**clear label and relevant icon**.

## Home Button on Each Dashboard

* + Each dashboard will include a **Home Button** that allows users to quickly return to the

**Landing Page** with a single click.

## Interactive UI Elements

* + **Minimalist & Clean Design** for easy readability.
  + **Icons & Color Coding** for better visualization and quick recognition.
  + **Hover Effects** to highlight active selections.

## Responsive Layout

* + The landing page will be optimized for **different screen sizes**, ensuring a smooth experience on desktops, tablets, and large screens.