

# 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.

### **1. 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**.

### **2. 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**.

### **3. 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.

### **1. 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**.

### **2. 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.

### **3. Interactive UI Elements**

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

### **4. Responsive Layout**

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