**LEVEL 1: BEGINNER TABLEAU DASHBOARD**

**Problem Statement**

The goal of this project is to build an interactive **Beginner Tableau Dashboard** that provides key insights into sales performance using various visualizations. The dashboard should allow users to filter data dynamically and analyze trends across multiple dimensions such as **Month, Quarter, and Week**. Key business metrics such as **Total Sales, Revenue, Orders, and Customers** should be displayed clearly, along with visual representations of sales trends, geographical distribution, product performance, and sales patterns by weekday.

**Tasks**

1. **Create Interactive Filters:**
   * Implement filters for **Month, Quarter, and Week** to enable data exploration.
2. **Display Key Performance Metrics (KPIs):**
   * Show **Total Sales, Revenue, Orders, and Customers** using a KPI summary section.
3. **Develop Visualizations:**
   * **Sales Trend Analysis**: Bar chart to display sales trends across months.
   * **Sales by State**: Geographical heat map representing state-wise sales.
   * **Sales by Product**: Horizontal bar chart ranking product sales.
   * **Sales by Weekday**: Bubble chart illustrating weekday-wise sales distribution.
4. **Ensure Interactivity:**
   * Hovering over data points should display detailed tooltips (e.g., state-wise sales details).
5. **Optimize Layout & Design:**
   * Maintain a clean and professional layout for easy data interpretation.

**Expected Outcomes**

* A **well-structured and visually appealing** Tableau dashboard.
* **Dynamic filtering capabilities** to explore sales data interactively.
* **Clear representation of key business metrics (KPIs)**.
* **Multiple visualizations** to provide actionable insights into sales trends.
* **Enhanced user experience** through interactivity and intuitive design.