**Stakeholder Insights and Performance Dashboard**

**Purpose:**

The dashboard provides a comprehensive view of key business metrics and data insights related to stakeholders, insurers, and policy performance. It enables stakeholders to analyse premium trends, profitability, and asset distribution to make data-driven decisions.

**Requirements:**

**1. Charts and Visualizations:**

* **Compare the total value created by different insurers:** Displays total value created for comparative analysis.
* **Display trends in premiums collected over time:** Shows premium trends using line or area charts.
* **Showcase the distribution of shareholding patterns among stakeholders:** Visualizes shareholding patterns using pie or bar charts.
* **Analyse the relationship between cost ratio and profitability:** Correlation or scatter plots reveal insights.
* **Visualize profitability for different cities and policy tenure durations:** Heatmaps or bar charts categorize profitability by city and tenure.
* **Represent the distribution of assets under management across stakeholders:** Bar or tree map visualizations display asset distribution.

**2. Key Performance Indicators (KPIs):**

* **Total premium collected:** KPI card summarizing total premiums.
* **Average age of stakeholders:** KPI card displaying average age.
* **Total value created for insurers or stakeholders (Assets under Management - Equity):** KPI card highlighting value creation.
* **Highest value created by a single insurer:** KPI card showcasing the top-performing insurer.

**3. Filters:**

* **Filter data by city:** Dropdown to focus analysis on specific regions.
* **Filter data by stakeholders:** Dropdown to analyse individual contributions.
* **Range slider for policy tenure:** Allows setting tenure range.
* **Date range filter:** Enables narrowing analysis to a specific timeframe.
* **Gender filter:** Separates male and female stakeholder data.

**4. Interactivity:**

* **Dynamic filtering:** Clicking on a chart segment updates other visuals.
* **Tooltips on hover:** Provides detailed insights on data points.
* **Real-time updates:** Filters and KPIs update dynamically.

**5. Export Options:**

* **PDF Export Button:** Enables downloading the dashboard as a PDF.
* **Capture all visible elements:** Charts, KPIs, and filters included in export.
* **Watermark inclusion:** Branding ensures a professional and consistent look.

**6. User Access:**

* **Role-based access:** Different data visibility levels for stakeholders.

**Usage Instructions:**

**Navigating the Dashboard:**

1. Use filters at the top or side to refine data by city, tenure, date, stakeholder, or gender.
2. Interact with charts by clicking on segments to update other visuals dynamically.
3. Hover over any chart to view detailed tooltips for additional insights.

**Exporting Data:**

1. Click the **Export to PDF** button in the toolbar.
2. Confirm the export options (filters and applied selections).
3. The PDF will include all visible elements, KPIs, and filters with a watermark.

**Accessing Role-Specific Data:**

1. Log in with assigned credentials.
2. View permissions based on role (e.g., insurers, stakeholders, policy data).