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Technology used- Power BI

Dashboard for CRCS

Steps to Open the Dashboard

Download Power BI Desktop Software https://www.microsoft.com/en-us/download/details.aspx?id=58494

Click on download and choose PBIDesktopSetup_x64.exe and click next. Your download will start. After installing the software.

Go to File > Open report > browse > choose Report_MSCS

You would be able to open the report and interact with it

Introduction:

The Central Registrar Cooperative Societies Management Dashboard is a data visualization tool designed to provide key insights and facilitate efficient management of registered cooperative societies. The dashboard leverages a dataset, containing relevant information for each entry, such as society name, address, state, district, date of registration, area of operation, and sector type.

Objectives:

- Enable the CRCS to monitor and analyze the performance and operations of registered cooperative societies.
- Provide a comprehensive overview of the cooperative societies' distribution across states, districts, and sectors.
- Identify trends, patterns, and potential areas for improvement within the cooperative sector.
- Support informed decision-making and policy formulation related to cooperative societies.

Audience:

The primary audience for the CRCS Management Dashboard includes:

- Officials and administrators of the CRCS responsible for overseeing cooperative societies.
- Government representatives and policymakers involved in cooperative sector development.
- Researchers, analysts, and stakeholders interested in cooperative society data

Key Features:

- Interactive visualizations, including maps, charts, and tables, showcasing society distribution across states, districts, and sectors.
- You can interact with any visualization & find desired results by clicking on it.
- Drill-down functionality to explore specific details of individual cooperative societies.
- Filtering options to refine the data based on parameters such as state, district, and sector type.
- Trend analysis to identify registration patterns and track the growth of cooperative societies over time.

Data Sources:

- The dashboard utilizes a dummy dataset provided by CRCS, containing information on registered cooperative societies.

- Data integration processes will ensure the dataset is regularly updated to reflect the latest registration information.

Charts & Visuals

Multiple graphs and charts has been used for creative and user friendly presentation of data.

Click on any visualization to know more.

- Bar chart
- Line chart
- Pie chart
- Shape Map
- Slicers
- Cards
- Clustered Bar chart
- Tree Map
- Tables
- Area Chart

Buttons

Click for more info- helps the user to navigate frill through option for each state or sector type.

Clear all slicer- helps user to clear all the slicers in a single click

Info button- helps user to understand how to navigate map visual in the dashboard

Top Insights

1) Total Societies- 100
2) Total States across where societies operate- 18
3) Total distinct Districts across India, where Societies operate- 56
4) Total Sectors across which societies are divided – 13
5) Top 5 popular sectors across India :

Sectors	Number of societies
Agro	56
Cooperative Bank	10
Health/Hospital	9
Credit	8
Fisheries	5
Housing	5

6) Top 5 states with most registration of societies:-

Maharashtra	28
Uttar Pradesh	19
Kerala	9
Tamil Nadu	8
Telangana	6

7) Line chart depicting number of society registration per year shows a upward trend from 2016 to 2022. There was 1500% increase from 2016-2022. The forecast shows a little down trend with peaking to 51 registrations in 2024.

8) Gujarat has 39 societies operating in the state despite having 4 society registrations in the state.

9) Maharashtra has 35 societies operating in the state despite having 28 society registrations in the state.

10) Rajasthan has no registered societies but has 36 societies operating in the area.

11) Haryana also has 36 societies operating in the area but has only 4 registered in the state.

12) Karnataka has 18 societies operating in the state but only has 1 registered society in the state.

13) Stacked horizontal bar chart shows count of registered societies in each district of the state.

Above mentioned are some of the valuable insights. The dashboard provides a foundation for in-depth analysis, offering the potential for uncovering additional valuable insights by interacting with visuals.