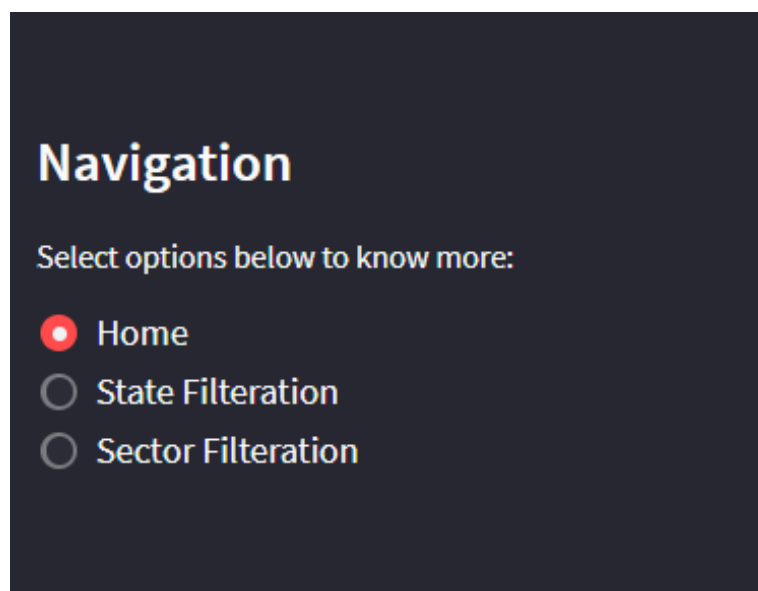


I am Simran Kaushik and in collaboration with Srinidhi Iyer, students of Manav Rachna International Institute of Research and Studies. This is our submission for the hackathon **AICTE- Ministry of Cooperation –Hackathon: Creation of dashboard for CRCS portal.**

This document serves as a comprehensive overview of the dashboard's features, purpose and benefits for both citizens and government officials. The objective of this hackathon was to create a visually appealing and user-friendly dashboard that effectively presents data from the provided dummy dataset. Our focus was on incorporating interactive elements such as filters, dropdown menus and selection options to enhance user experience and allows users to explore specific aspects of the dataset along with key metrics, summaries and trends.

On the left-hand side, a navigation bar is provided with three navigating options:

- Home page – This page consists of the insights from the data and different visualizations along with key metrics for easier readability.
- State Filtration – This page consists of all the different filtrations based on state.
- Sector Filtration – This page consists of all the different filtrations based on sector.



### Home Page:

The landing page of the dashboard displays the dummy dataset provided and a downloading feature so that the data can be downloaded from the dashboard itself.

Also, consists of visualizations which represents different types to sectors, total no. of different types of sectors available, percentage of societies per sector, no. of societies per sector and coverage of different Indian states.

These said visualizations are done using plotly graphs such as:

- Histogram
- Bar graph
- Pie Chart
- Choropleth Graph
- Key metric using Tree Graph



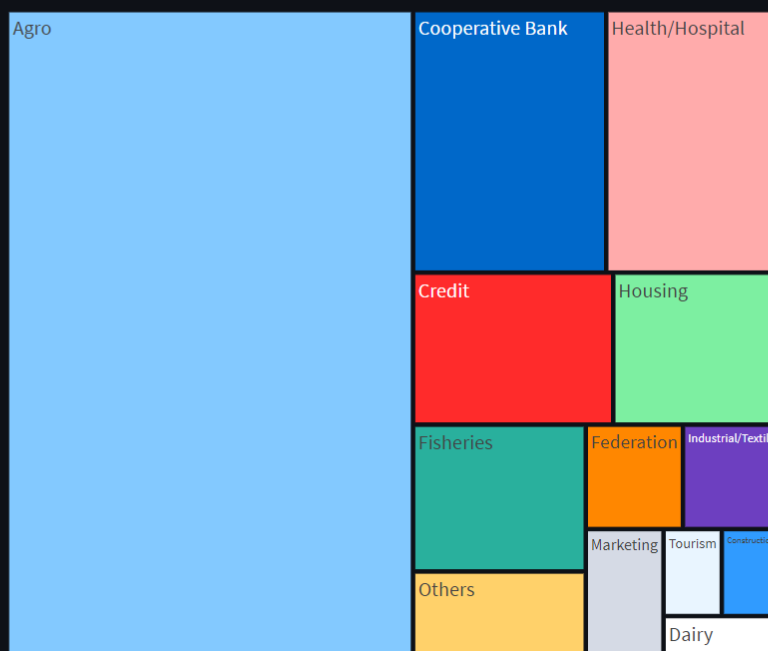
## Ministry of Cooperation - CRCS Portal

Welcome to our portal! Here you will get information regarding Societies.

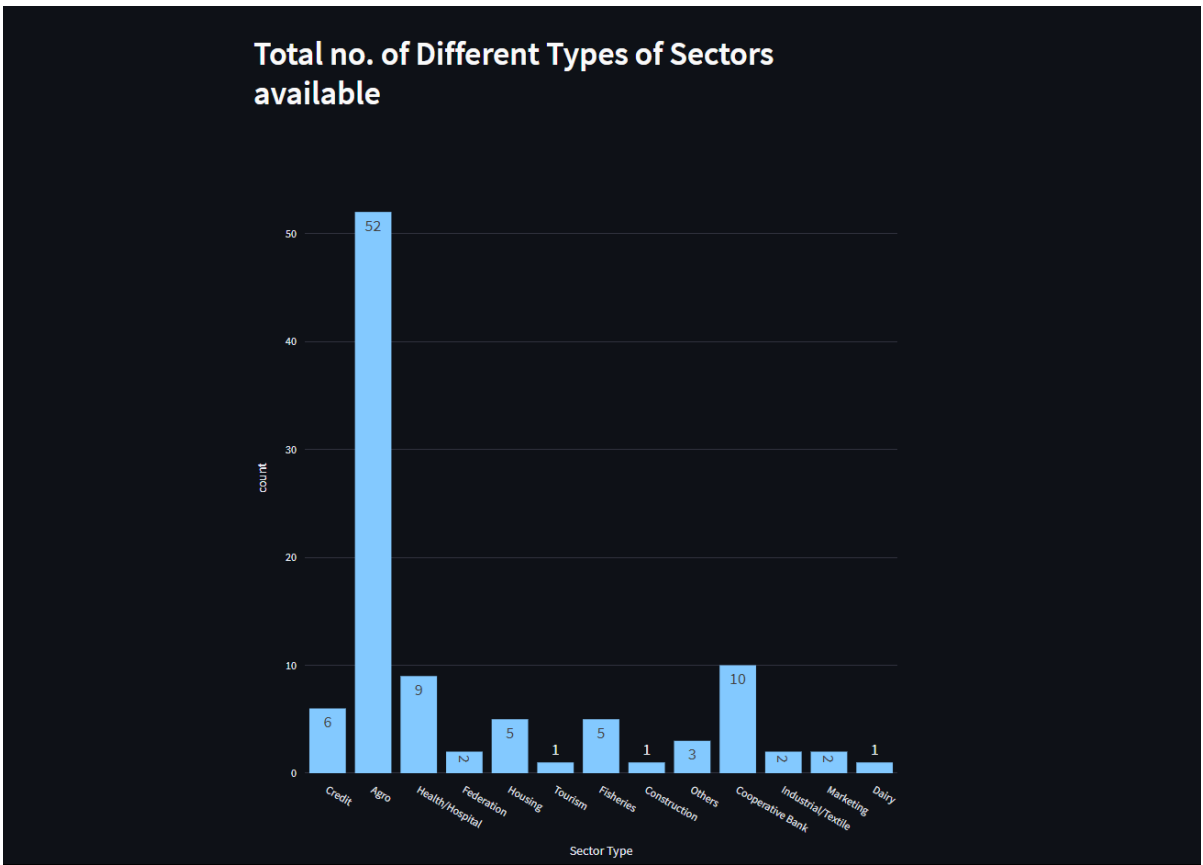
	S.No	Name of society	Address
0	1	saharayn universal multipurpose society limited	At & P.O. Railwa
1	2	JMJ Multi State Agro Cooperative Society Ltd.	TC 48/1442-1, S
2	3	Devbhoomi Agro Multi State Cooperative Society Ltd.	S/o Sateesh Ku
3	4	Aarya Multi Specialty Cooperative Hospital and Hospital and Research Center Ltd.	Gate No 165, Ni
4	5	Agriculture Development Cooperative Federation	A/P 344, Lower
5	6	Prosperity Multi State Housing Cooperative Society Ltd.	Jayem Arcade :2
6	7	Greenfield Multi State Agro Allied and Marketing Cooperative Society Ltd. (GMAAMCS)	Plot No 92, H.N
7	8	Shri Sharda Agro Multi State Co- operative Society Ltd.	Shri Sharda Ag
8	9	Nature Delight Multi State Cooperative Dairy & Agro Products Ltd.	Kalas Gate, No
9	10	Travancore Cochin Tourism Cooperative Society Ltd	Idukki, Kerala €

Download data as CSV

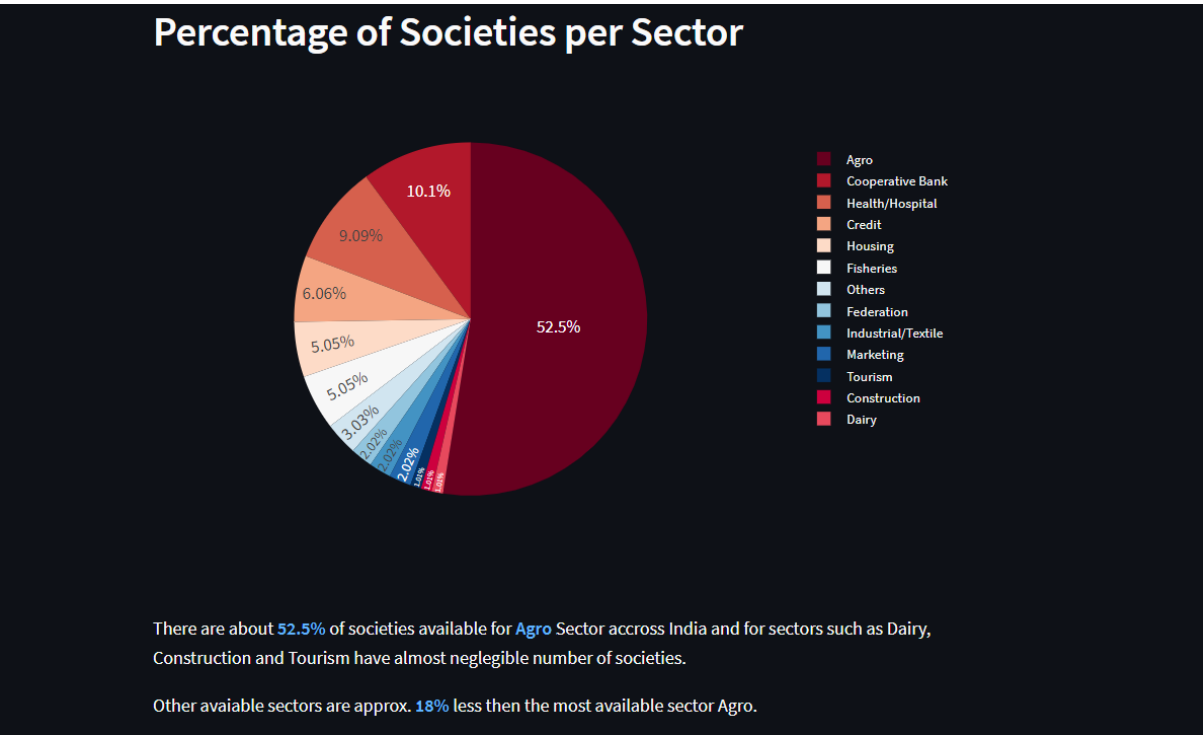
## Different Types of Sectors



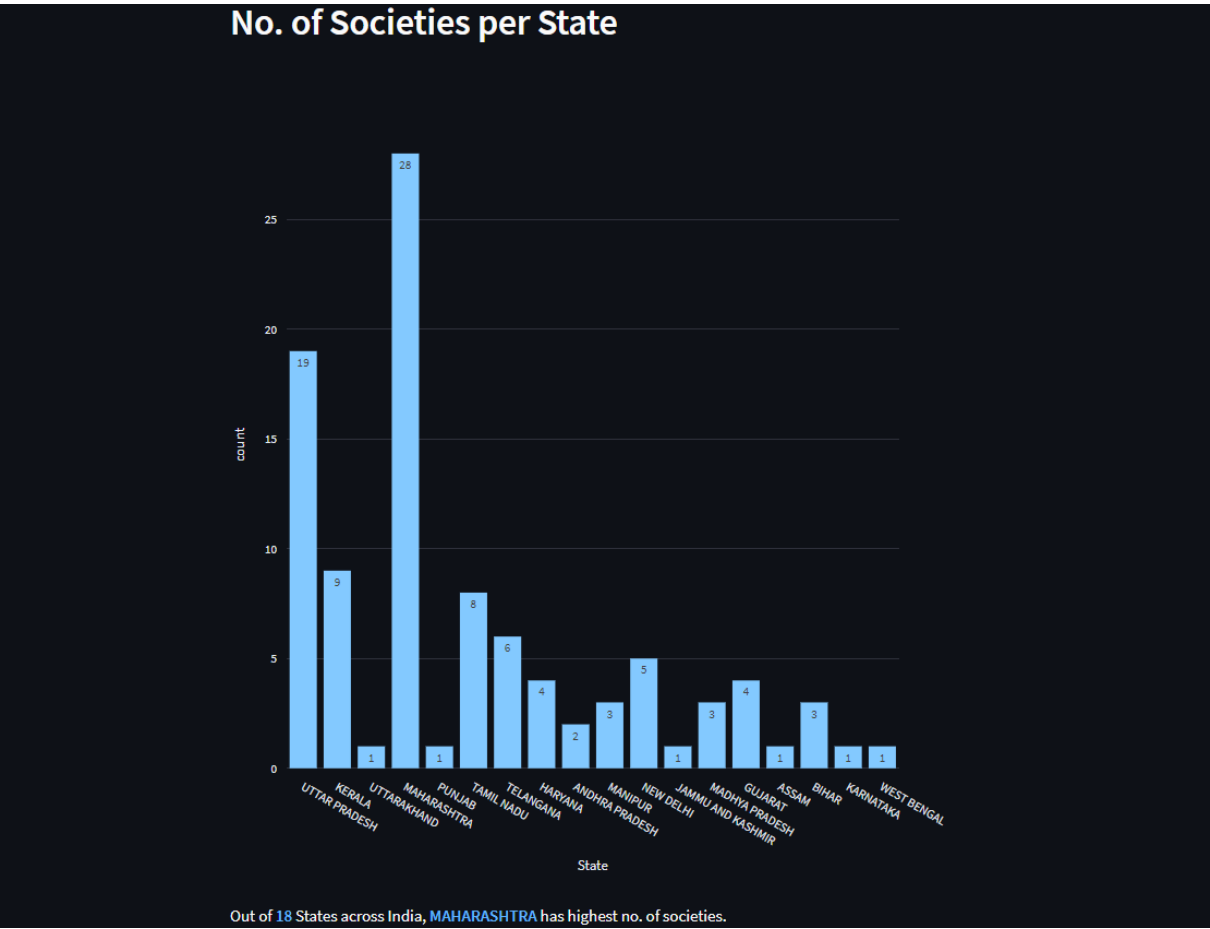
The above graph represents the different kinds of sectors in the dataset and highlights their count in terms of area covered by that particular block of sector.



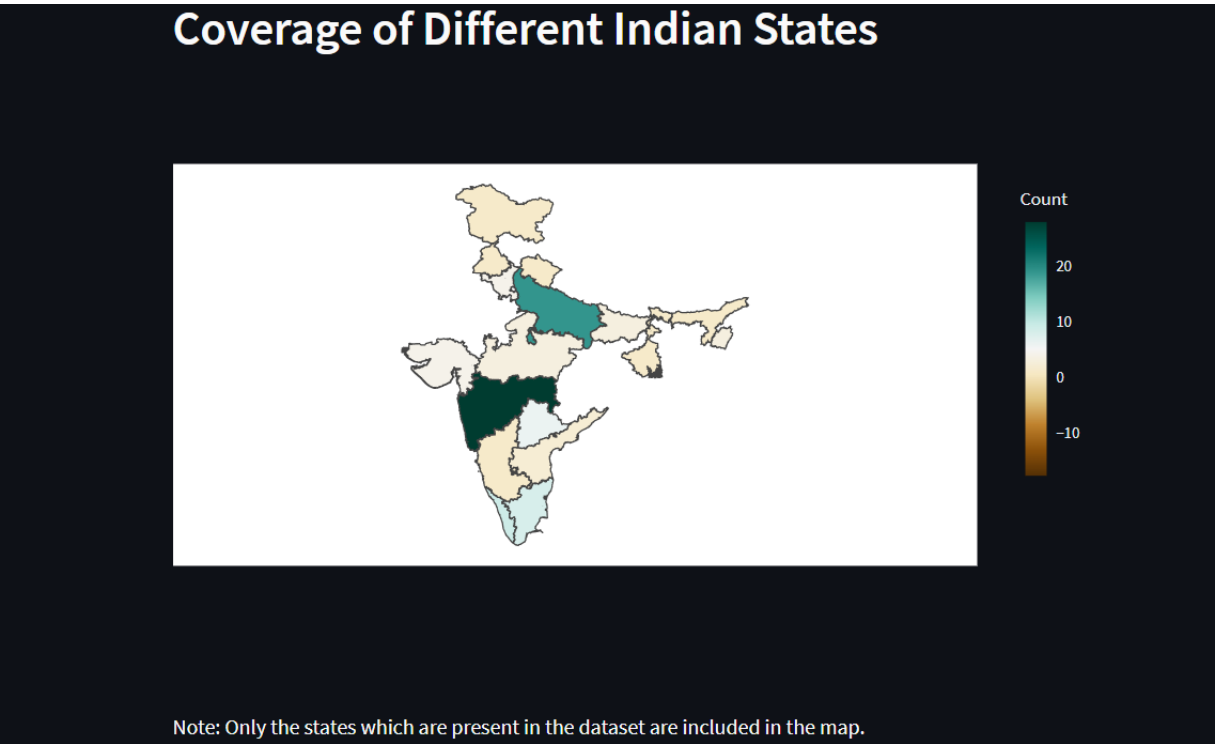
The above graph allows the user to know the count of different sectors in a more precise manner.



The pie chart concludes the availability of different societies and gives a comparison between societies in terms of percentage.



This graph provides the count of different societies available per state.



The above graph incorporates Choropleth for displaying the coverage of different Indian States in terms of societies.

Note: Only the states which are present in the dataset are included in the map.

### State Filtration:

This page allows the user to filter in accordance to the state. Selected state through the drop down will be used for further analysis and will provide the user with the information of all the societies available in that state.

## Ministry of Cooperation - CRCS Portal

Welcome to our portal! Here you will get information regarding Societies.

### Apply State Filters here for enhancing your search

Choose your STATE

UTTAR PRADESH

You selected: **UTTAR PRADESH**

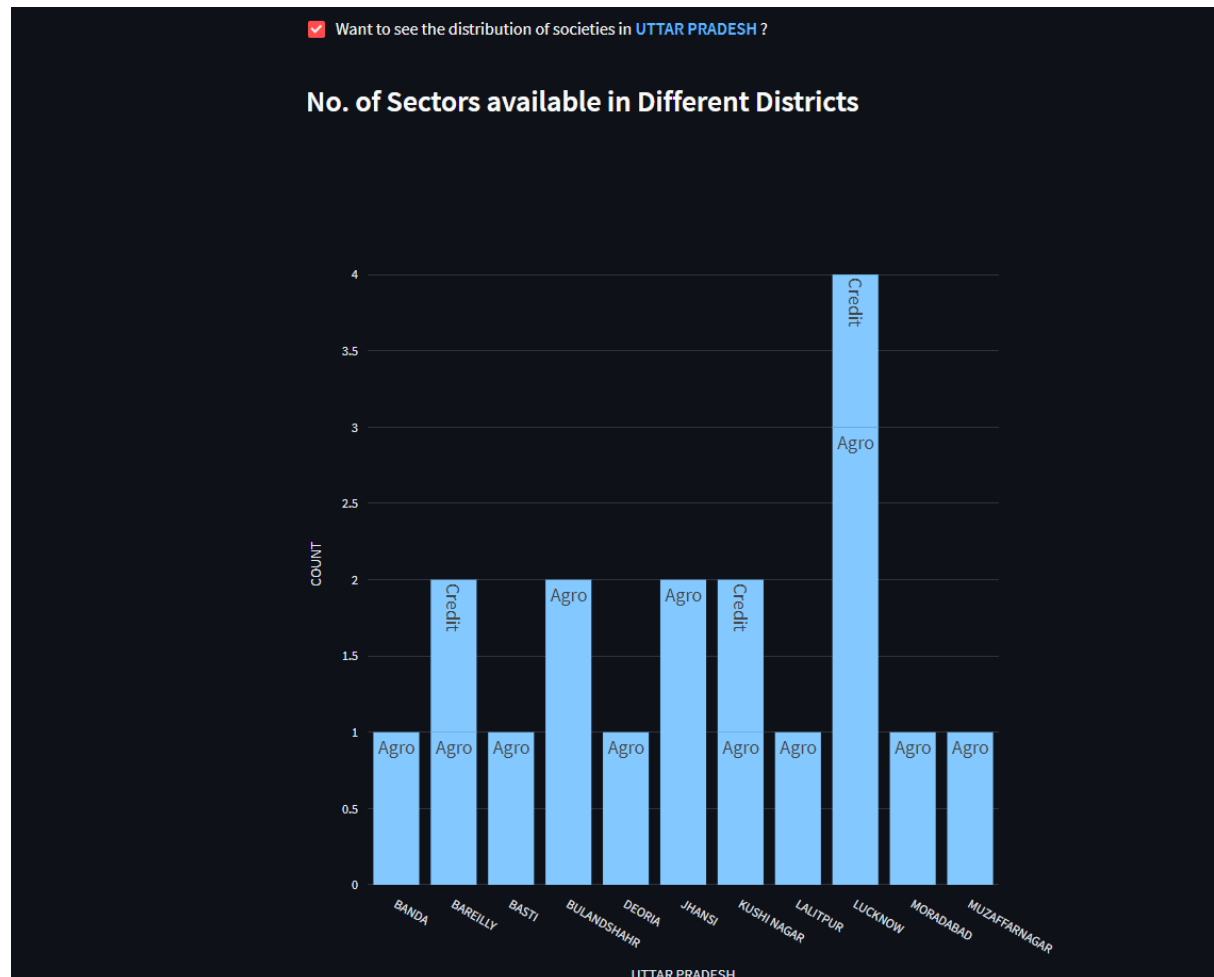
	S.No	Name of society	Address
0	1	saharayn universal multipurpose society limited	At & P.O. Railway f
7	8	Shri Sharda Agro Multi State Co- operative Society Ltd.	Shri Sharda Agro I
14	15	Srijan Krishi Vipnan Multi State Cooperative Society Ltd.	Lucknow
24	25	Jewan Kothi Multi State Agro Cooperative Society Ltd.	Uttar Pradesh
27	28	Jai Ratnagarbha Agriculture Multi State Cooperative Society Ltd.	Prayag Raj, uttar f
37	38	Prestige Agro Multi State Cooperative Society Ltd	Uttar Pradesh
42	43	Bulandshahr Agro MultiState cooperative Society Ltd	Mohalla Mahadev
53	54	Heaven Multi State Agro Cooperative Society Ltd	Kh No 403, Babha
57	58	Agrovision Farmer Multi State Cooperative Society Ltd.	H.No 3, Gate No 1
58	59	Chitrakoot Multi State Agriculture Marketing Cooperative Society Ltd. (CMAMCS)	H.No 104, Village i

## Different Sectors available in your State

Agro

Credit

Different sectors available in the chosen state is also displayed, which allows the user to know different sector. Also, there is a checkbox provided for the distribution of the societies in the state through a bar graph.



Choose your DISTRICT

KUSHI NAGAR

You selected: **KUSHI NAGAR**

### Based on District for UTTAR PRADESH

S.No	Name of society	Address
0	1	saharayn universal multipurpose society limited
95	96	Purvanchal Krishi Avam Kisan kalyan Multi State Cooperative Society Ltd

Choose your Sector

Credit

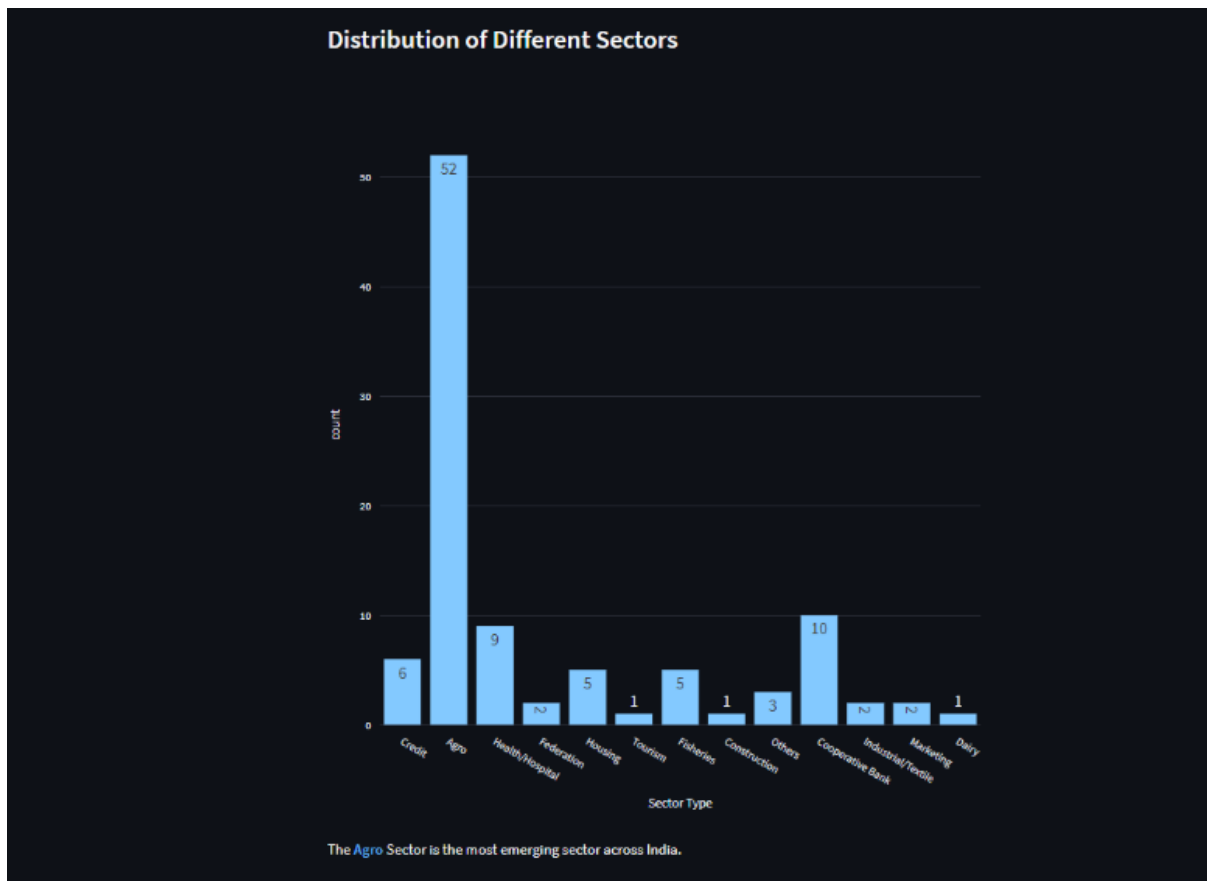
You selected: **Credit**

### Based on Sector for UTTAR PRADESH

S.No	Name of society	Address
0	1	saharayn universal multipurpose society limited
64	65	N E Railway Cooperative Credit Society Ltd,
92	93	Lucknow Division Insurance Employees Cooperative Credit Society Ltd

User can also choose a particular district of that state to filter the information and a drop down for sector available is provided so that the user can directly search for the particular sector in that state and can get the information accordingly.

### Sector Filtration:



This page provides sector filtration to the user the above graph represents all the different sectors available along with their count. And observed that Agro sector is the most emerging sector across India.

The user is provided with a drop down for the selection of the different sectors available in the data, and based on the chosen sector, user can see its distribution along with the information of societies based on sector.

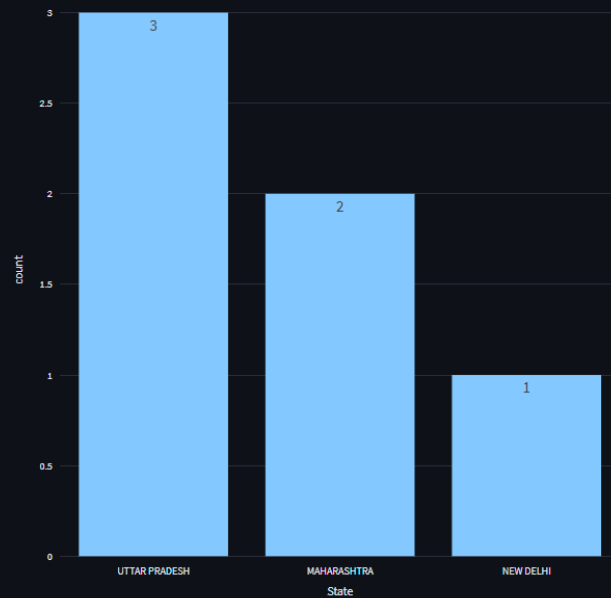
Choose your Sector

Credit

You selected: Credit

☒ Want to see the distribution of Credit ?

Distribution of Credit



	S.No	Name of society	Address
0	1	saharayn universal multipurpose society limited	At & P.O. Railway Colony, Go
64	65	N E Railway Cooperative Credit Society Ltd,	Chief Workshop Manager Offi
86	87	Reserve Bank Staff & Officers cooperative Credit Society Ltd	C/ Reserve Bank of India, An
92	93	Lucknow Division Insurance Employees Cooperative Credit Society Ltd	Jeevan Prakash Building, 30
98	99	The Navodit Cooperative Urban Thrift & Credit Society Ltd	147, South Amarkali, Delhi 1
99	100	Lokseva Multi State Credit Cooperative Society Ltd	A/p Tisgaon Pravara, Rahata

Resource for the live demo: <https://youtu.be/1krBj7wKK9s>.