

Storytelling Through **Data Visualization**

DATA VIZUALIZER

User Manual

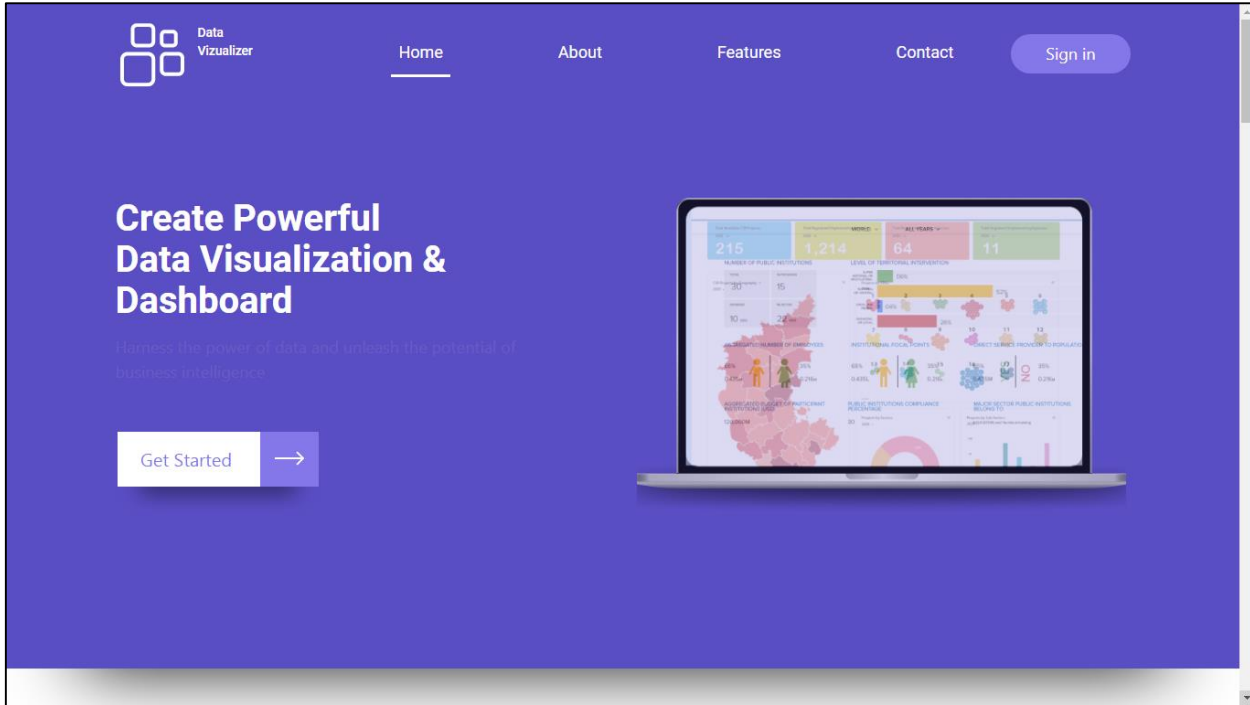
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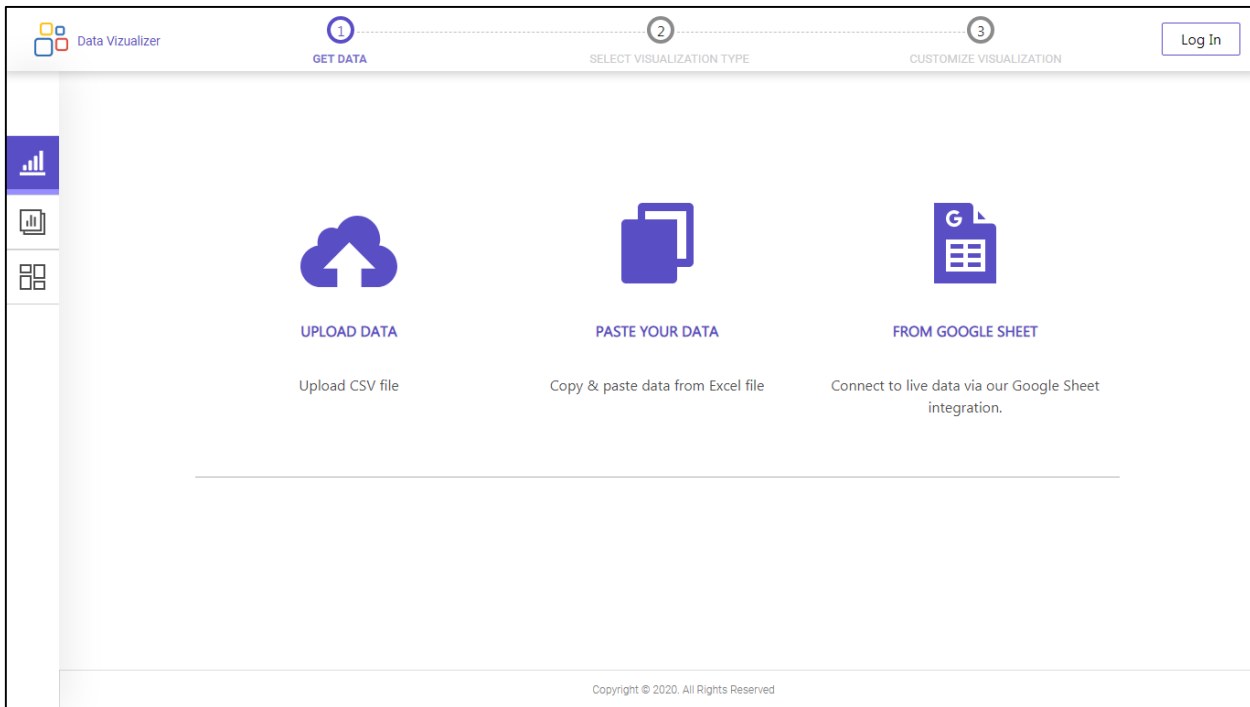
1. CREATE VISUALIZATION

1.1 CREATE VISUALIZATION USING SIMPLE CHARTS

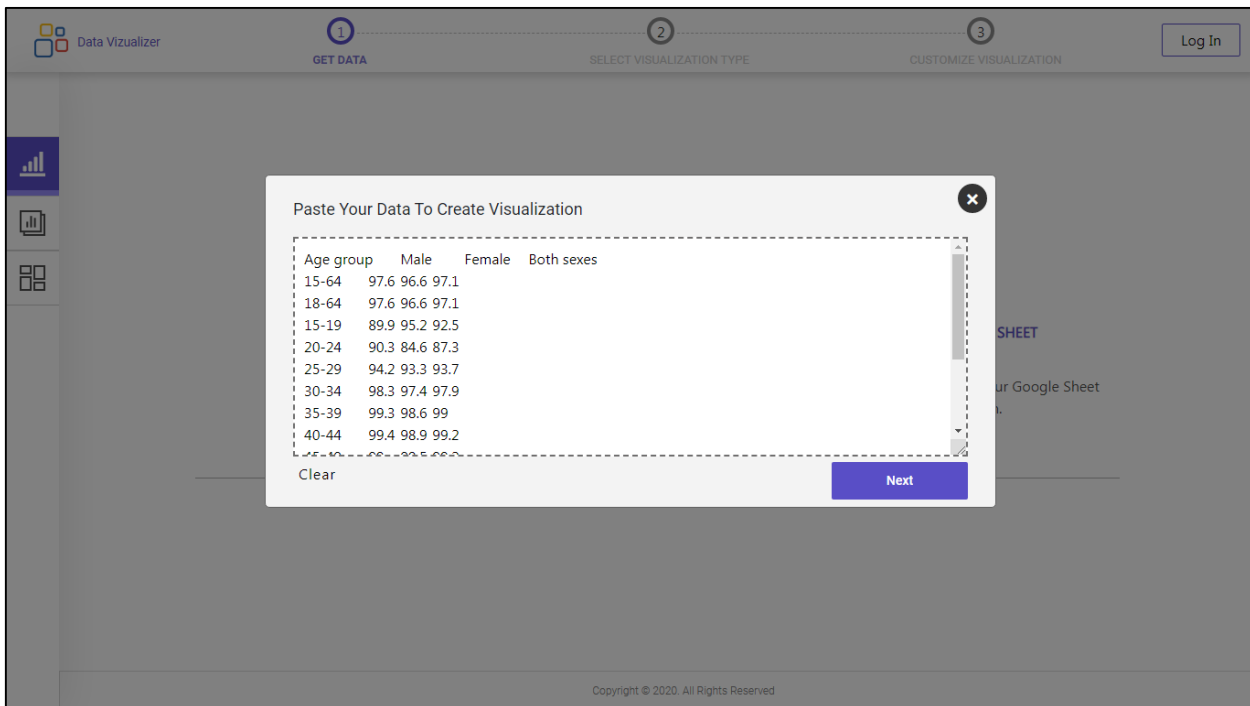
Step 1: Click on **Get Started**.



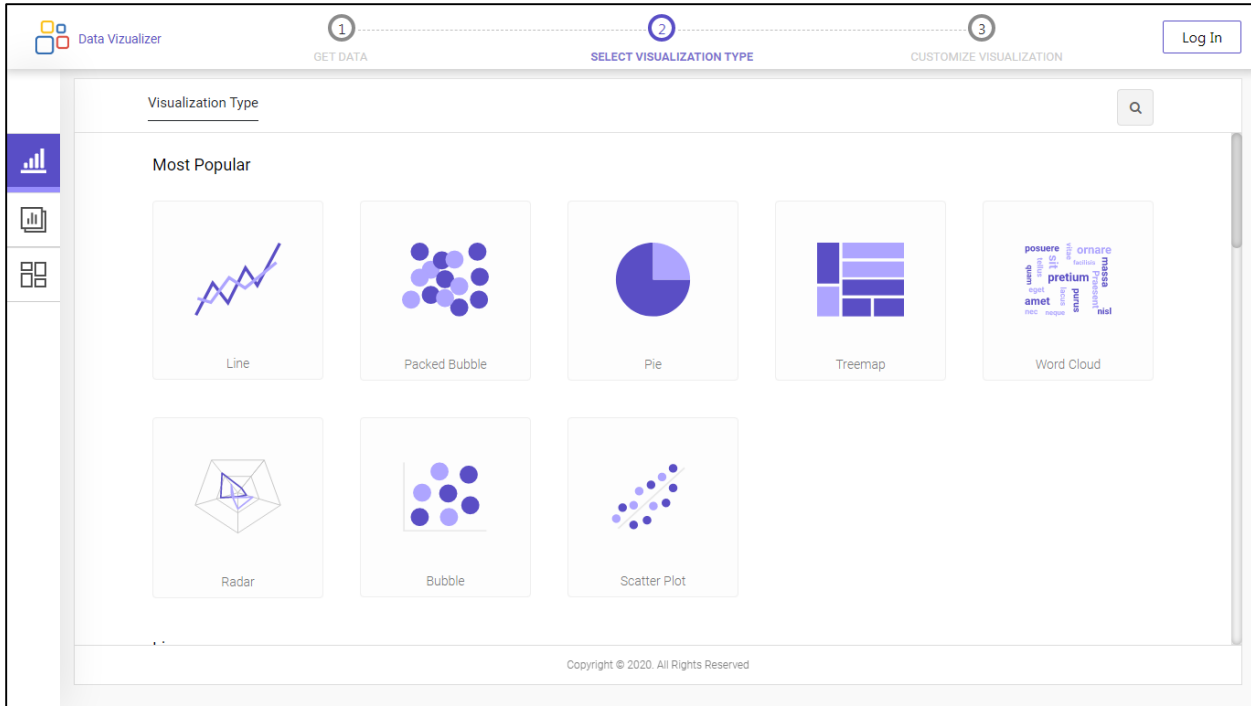
Step 2: Click on PASTE YOUR DATA.



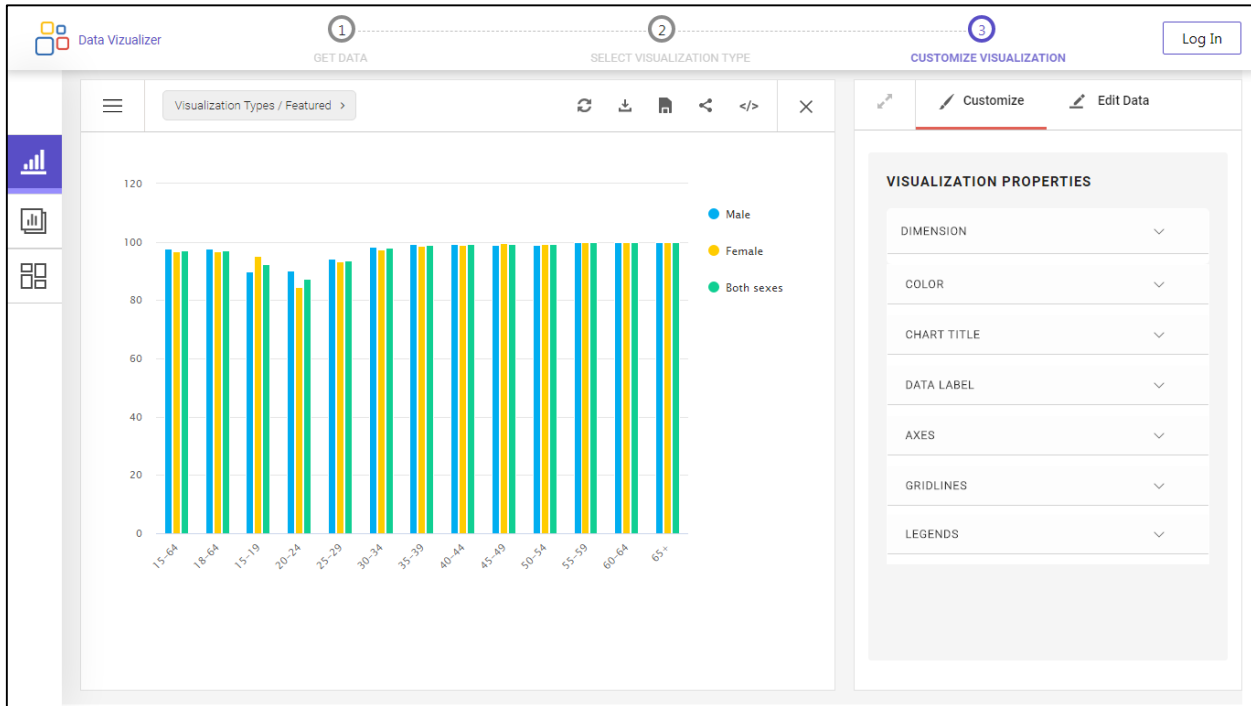
Step 3: Paste your data and Click on Next button.



Step 4: Select visualization type.



Step 5: You will be redirected to customize visualization page.



Step 6: You can edit or check the uploaded data by clicking on **Edit Data**.

The screenshot shows the Data Vizualizer interface with three steps: 1. GET DATA, 2. SELECT VISUALIZATION TYPE, and 3. CUSTOMIZE VISUALIZATION. The 'Edit Data' button in the 'CUSTOMIZE VISUALIZATION' section is highlighted with a red box. The main chart area displays a grouped bar chart titled 'Proportion of employed persons by Age Group and Sex'. The x-axis is labeled 'Time Period' and the y-axis is 'Percent'. The legend indicates Male (blue), Female (yellow), and Both sexes (green). The data table on the right shows the following values:

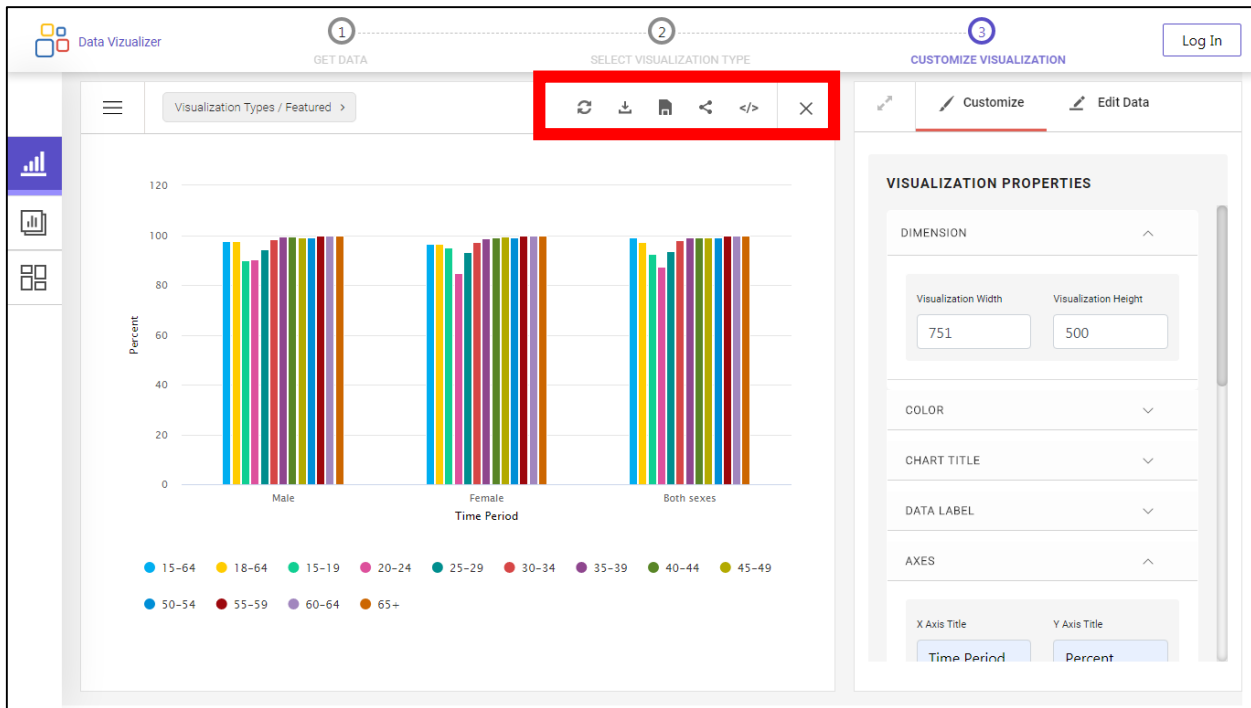
	C	D
1	Female	Both sexes
2	96.6	99
3	96.6	97.1
4	95.2	92.5
5	84.6	87.3
6	93.3	93.7
7	97.4	97.9
8	98.6	99
9	98.9	99.2
10	99.5	99.2
11	99.2	99.2
12	100	99.9
13	100	100

Step 7: Use **Customize** section to update and add visualization properties.

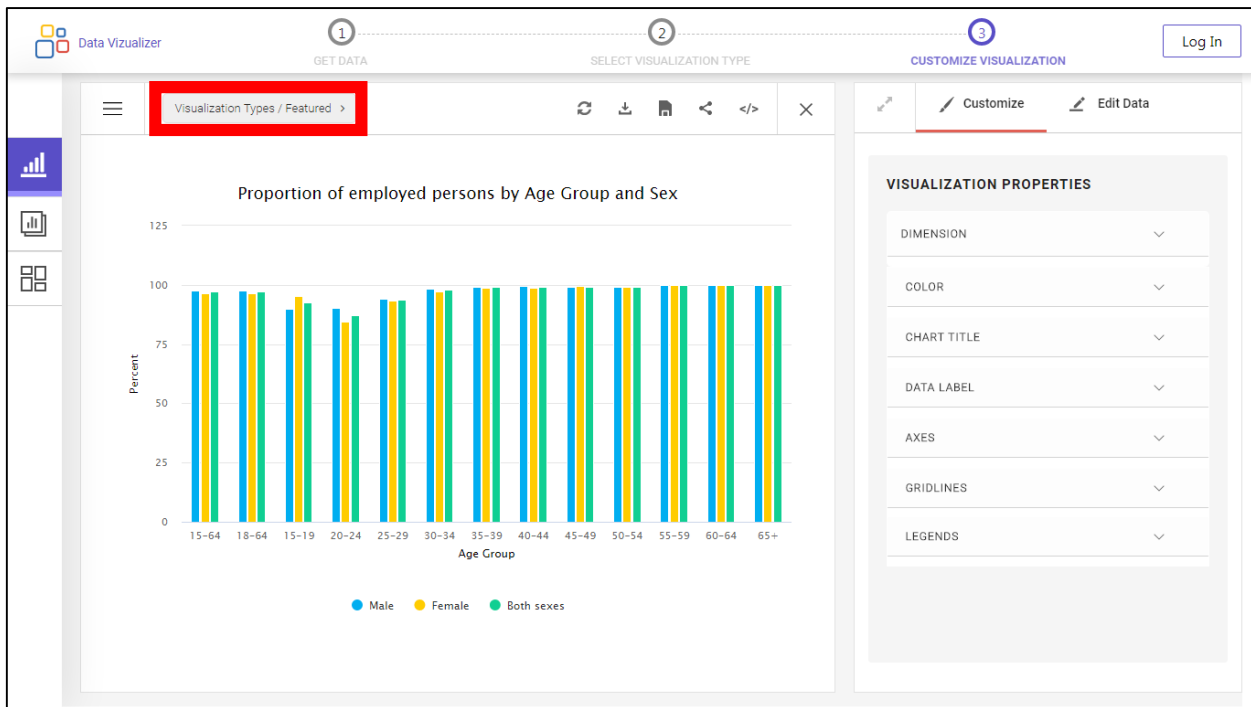
The screenshot shows the Data Vizualizer interface with the 'Customize' button in the 'CUSTOMIZE VISUALIZATION' section highlighted in red. The 'VISUALIZATION PROPERTIES' section is also highlighted in red. The main chart area displays a grouped bar chart titled 'Proportion of employed persons by Age Group and Sex'. The x-axis is labeled 'Age Group' and the y-axis is 'Percent'. The legend indicates Male (blue), Female (yellow), and Both sexes (green). The data table on the right shows the following values:

	C	D
1	Female	Both sexes
2	96.6	99
3	96.6	97.1
4	95.2	92.5
5	84.6	87.3
6	93.3	93.7
7	97.4	97.9
8	98.6	99
9	98.9	99.2
10	99.5	99.2
11	99.2	99.2
12	100	99.9
13	100	100

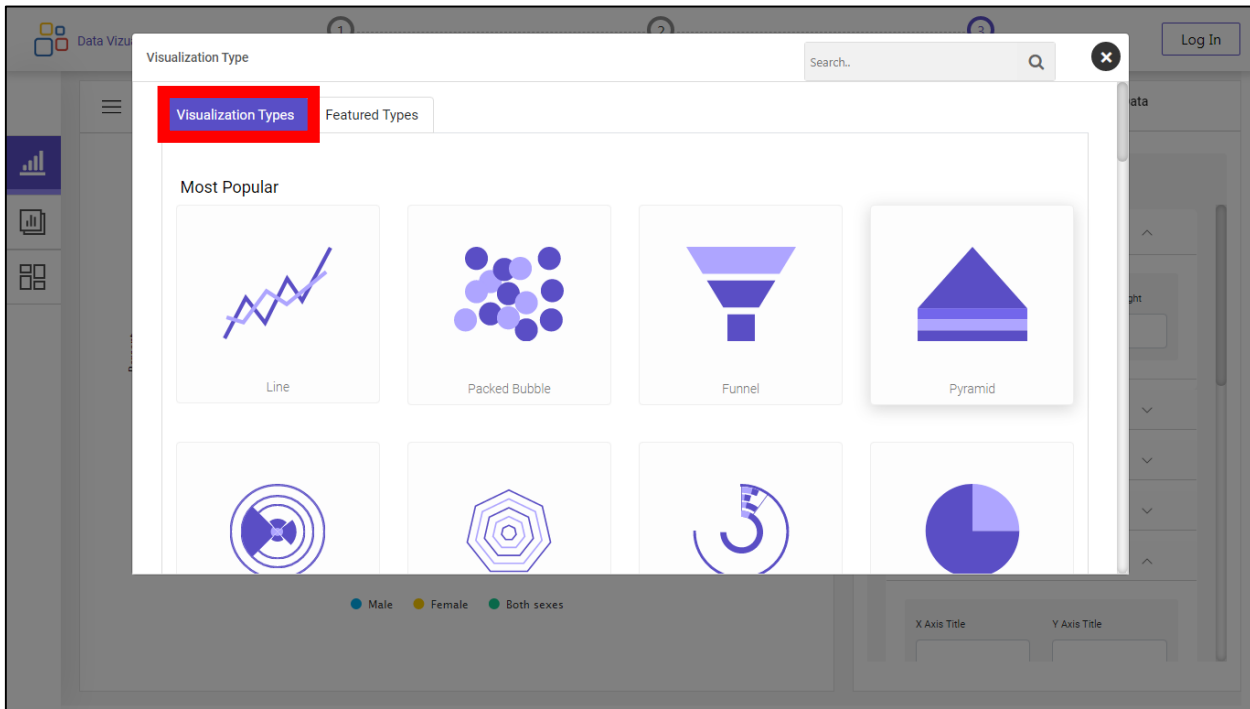
Step 8: Use the features are required - **Swap, Download, Save, Share** visualization.



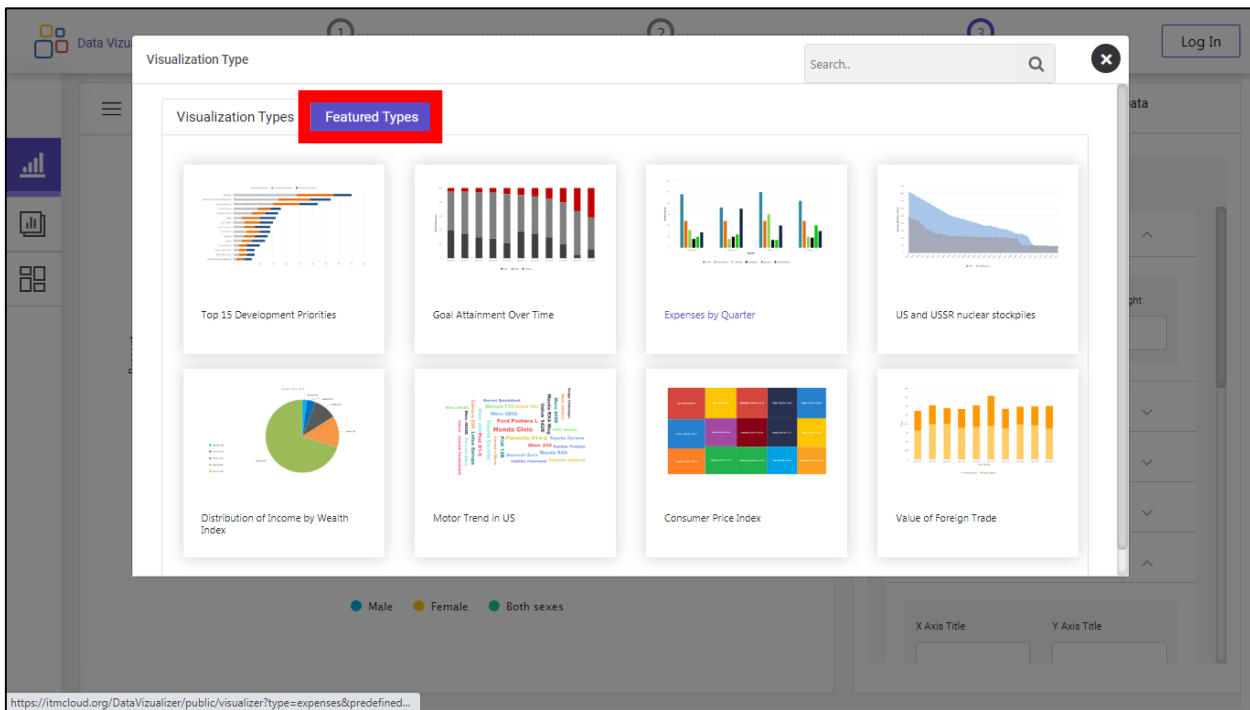
Step 9: Select **Visualization Types / Featured** to change visualization type



Step 10: Select and change the visualization type from this section.



Step 11: Click on **Featured Types** to view the chart type.



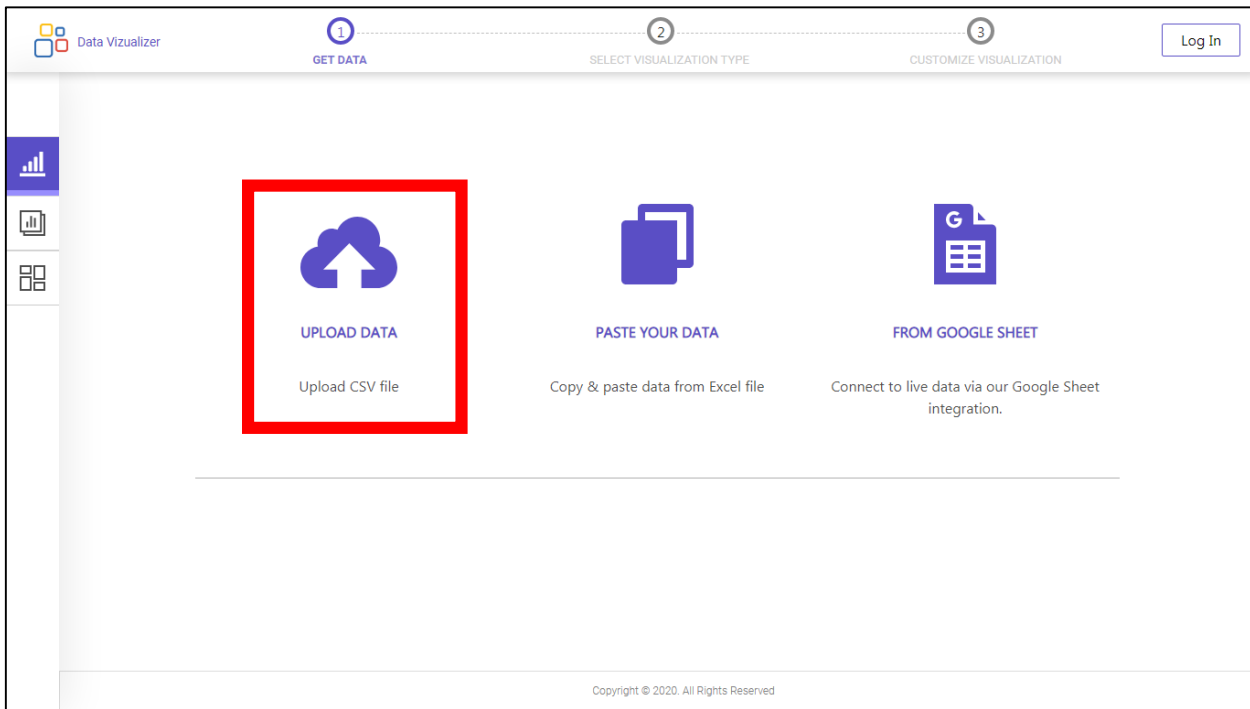
Step 12: Click on **Menu** icon to print and to see the visualization in full screen.

The screenshot displays the Data Vizualizer interface with three numbered steps: 1. GET DATA, 2. SELECT VISUALIZATION TYPE, and 3. CUSTOMIZE VISUALIZATION. A 'Log In' button is in the top right. The main area shows a bar chart with 'Percent' on the y-axis (0 to 75+) and 'Time Period' on the x-axis (15-64 to 65+). The legend indicates Male (blue), Female (yellow), and Both sexes (green). A red box highlights the 'Print Visualization' and 'View in Full Screen' options in the menu. The right panel shows 'VISUALIZATION PROPERTIES' with fields for 'Visualization Width' (751) and 'Visualization Height' (500), and sections for 'COLOR', 'CHART TITLE', 'DATA LABEL', and 'AXES'.

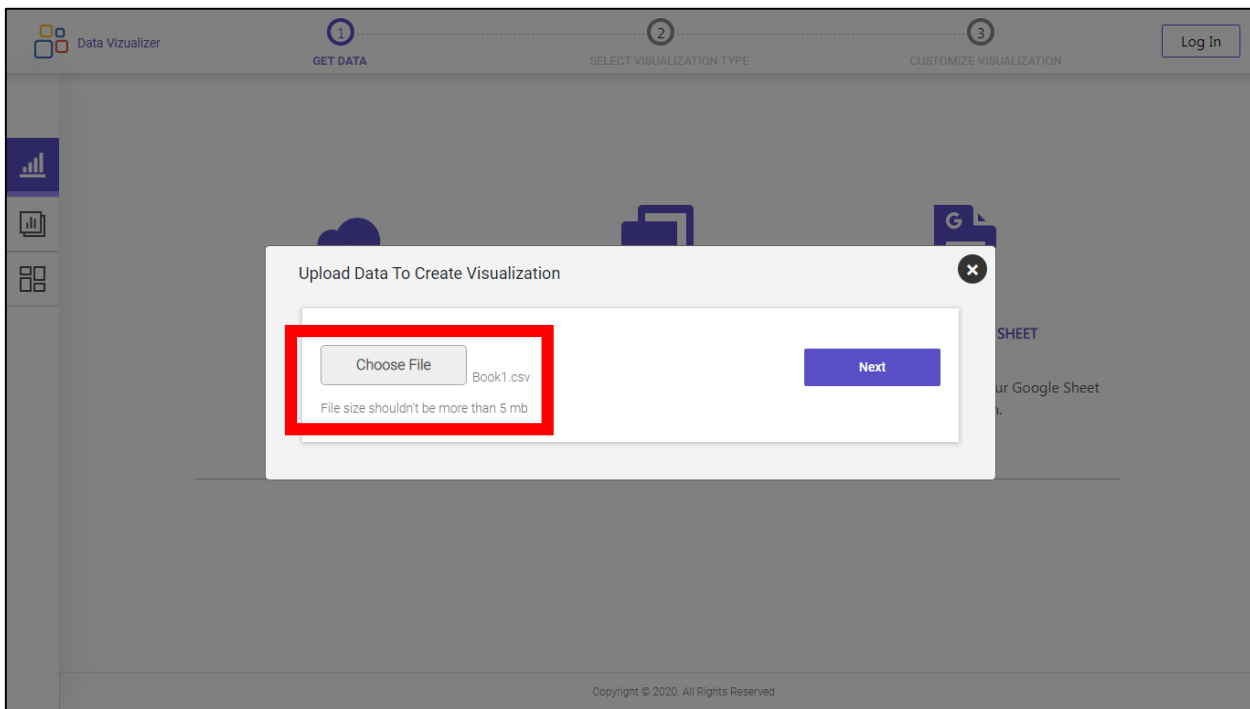
Time Period	Male	Female	Both sexes
15-64	75	75	75
18-64	75	75	75
15-19	75	75	75
20-24	75	75	75
25-29	75	75	75
30-34	75	75	75
35-39	75	75	75
40-44	75	75	75
45-49	75	75	75
50-54	75	75	75
55-59	75	75	75
60-64	75	75	75
65+	75	75	75

2.2 CREATE THEMATIC MAPS

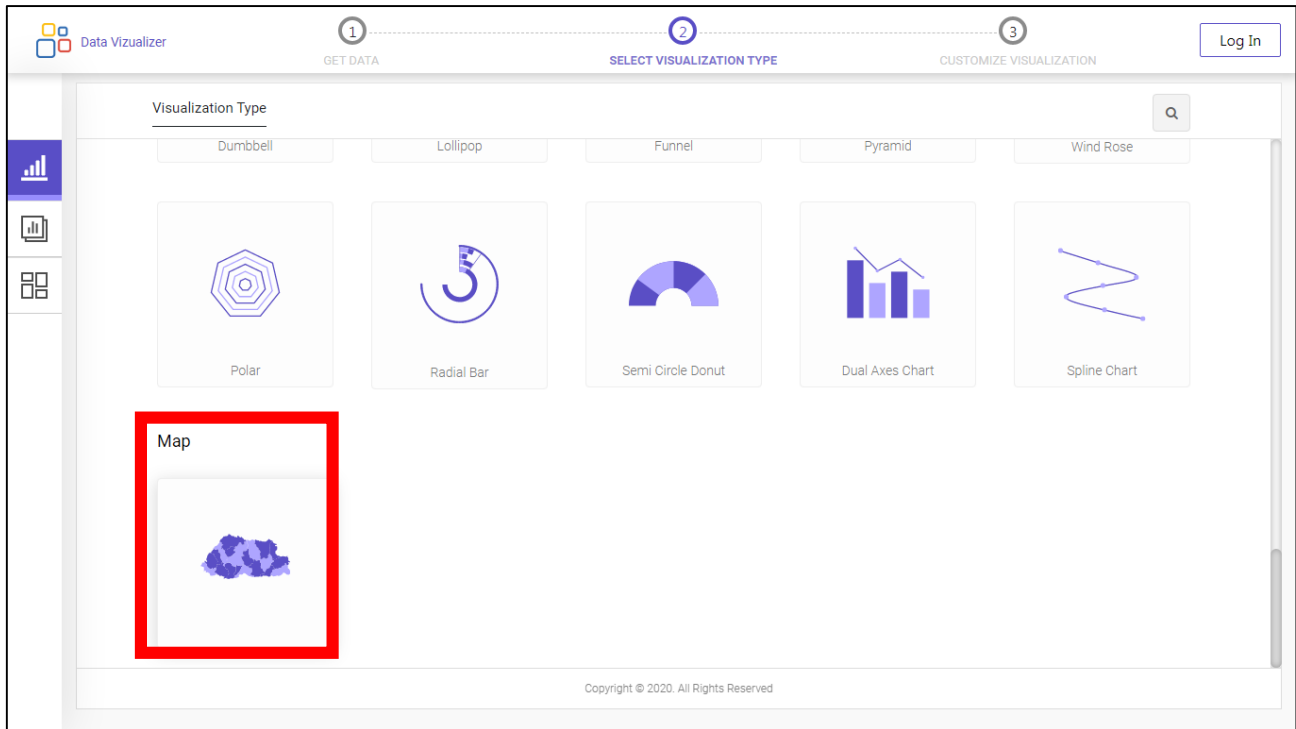
Step 1: Click on Upload Data.



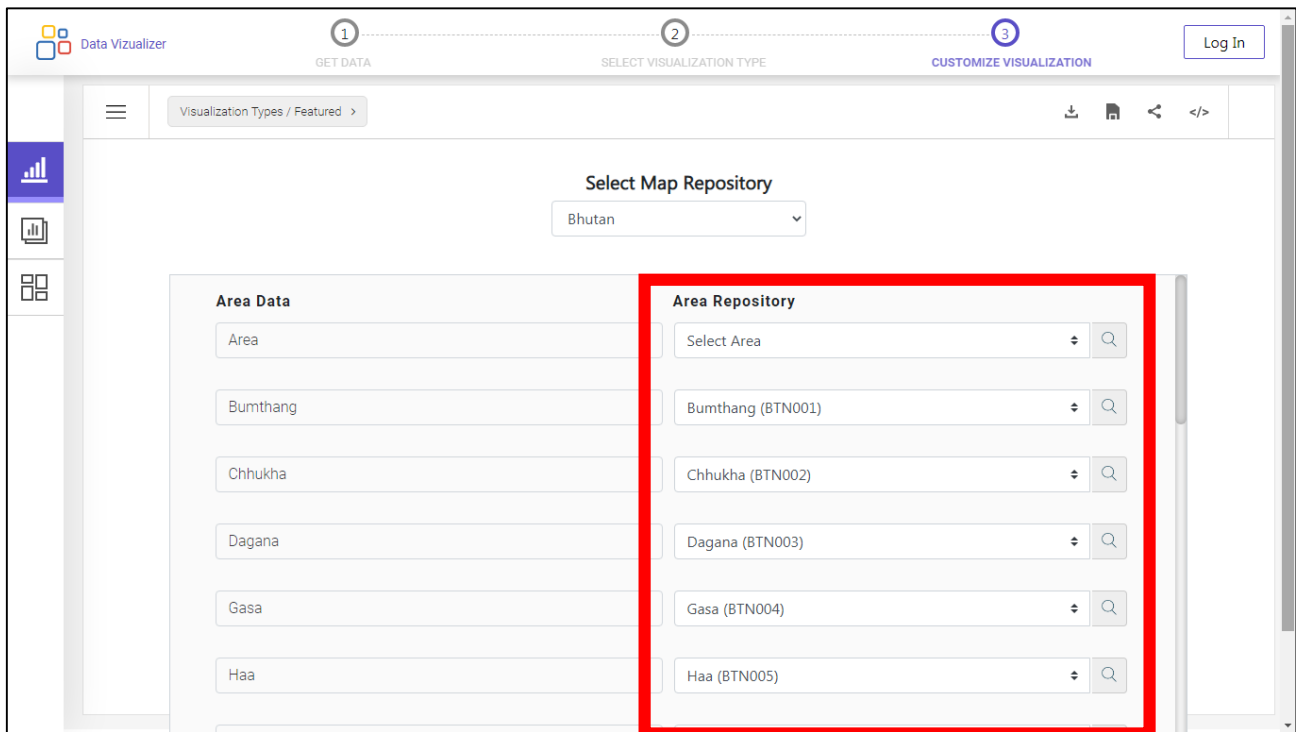
Step 2: Upload the data file and click on Next tab.



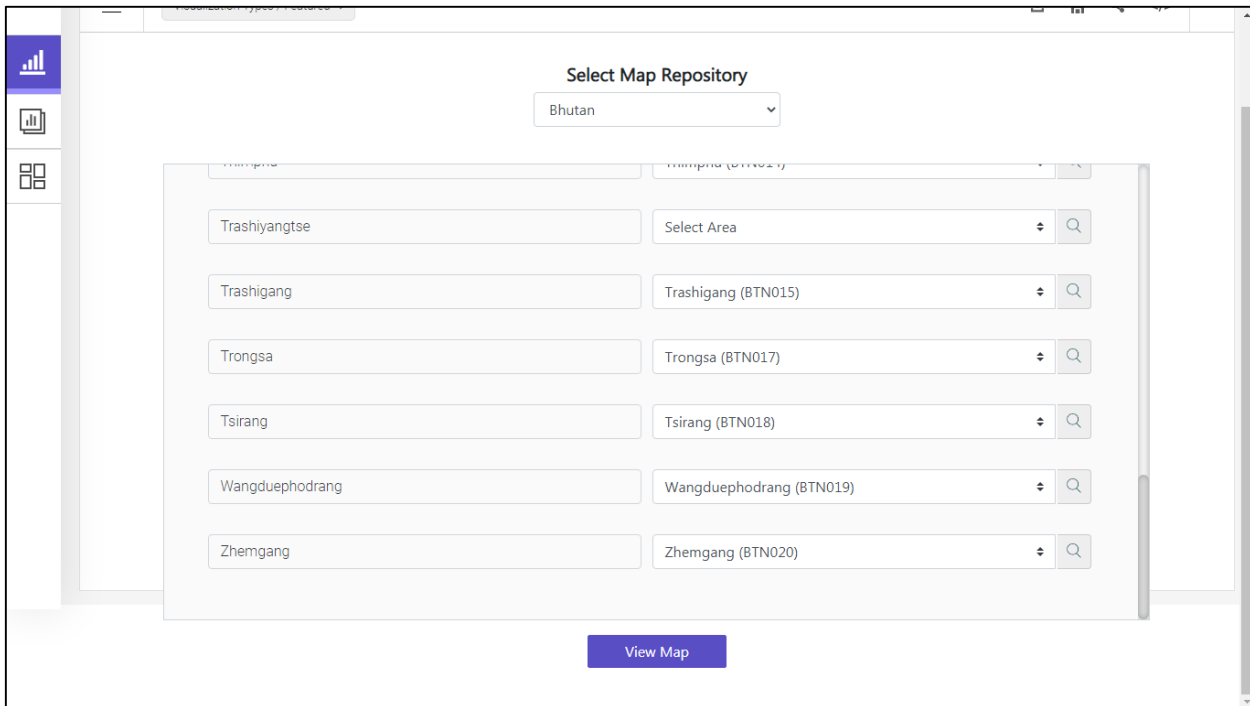
Step 3: Select Map from Visualization Type.



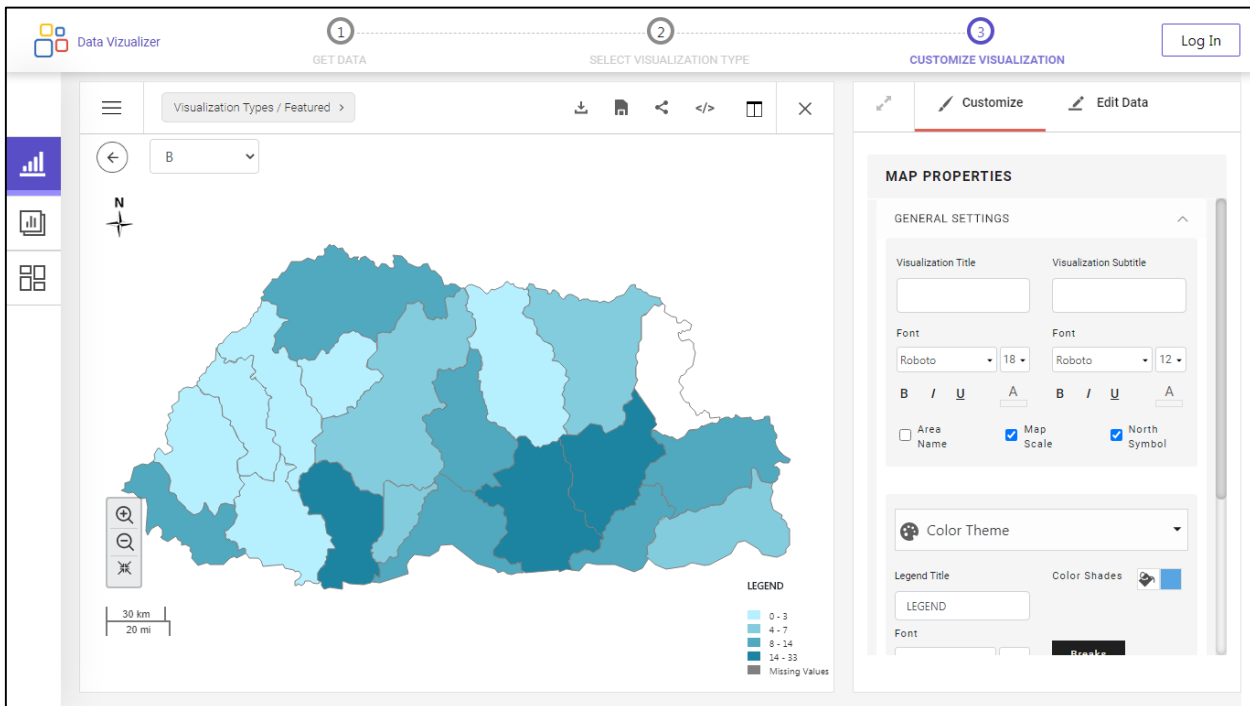
Step 4: Map area from Map Repository.



Step 5: Click on **View Map** tab.



Step 6: You will be redirected to customize visualization page.



Step 7: Use **Customize** section to update and add map properties.

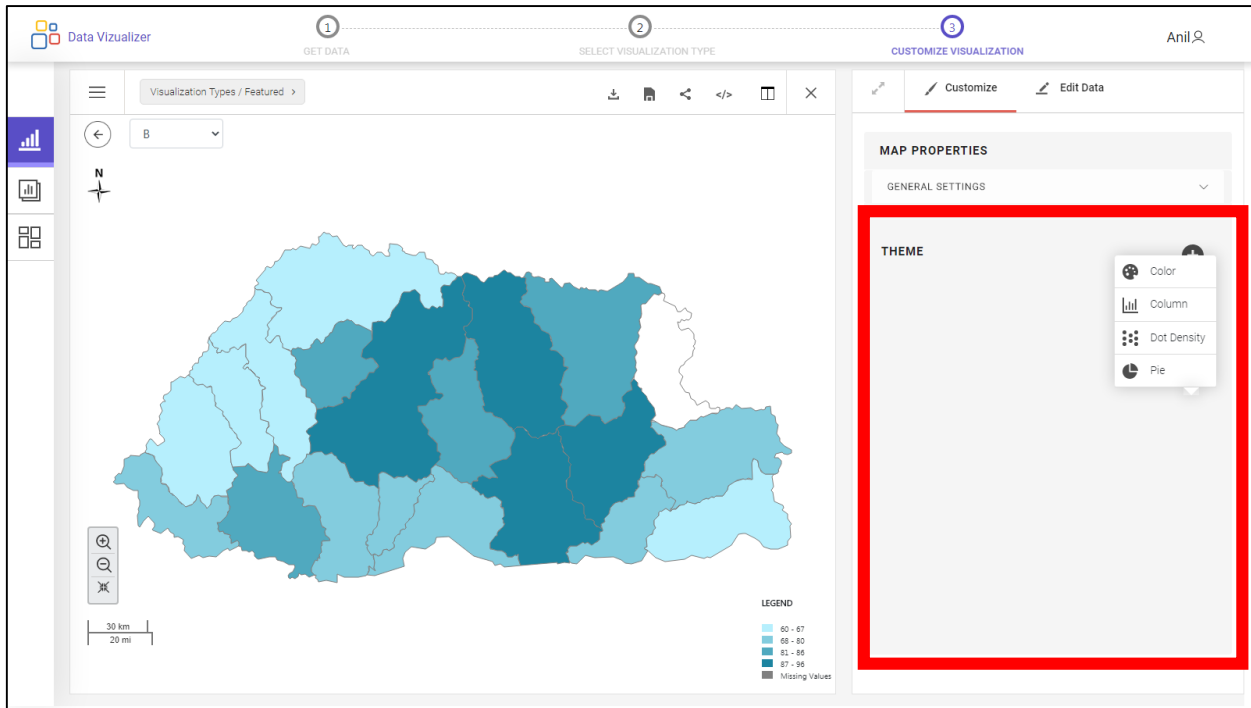
The screenshot shows the Data Vizualizer interface with the 'CUSTOMIZE VISUALIZATION' panel open. The 'MAP PROPERTIES' section is highlighted with a red border. It includes 'GENERAL SETTINGS' for visualization title, subtitle, font (Roboto, size 18 and 12), and bold/italic/underline options. There are also checkboxes for 'Area Name', 'Map Scale', and 'North Symbol'. A 'Color Theme' dropdown is present, along with 'Legend Title' (set to 'LEGEND') and 'Color Shades' options.

Step 8: You can edit or check the uploaded data by clicking on **Edit Data**.

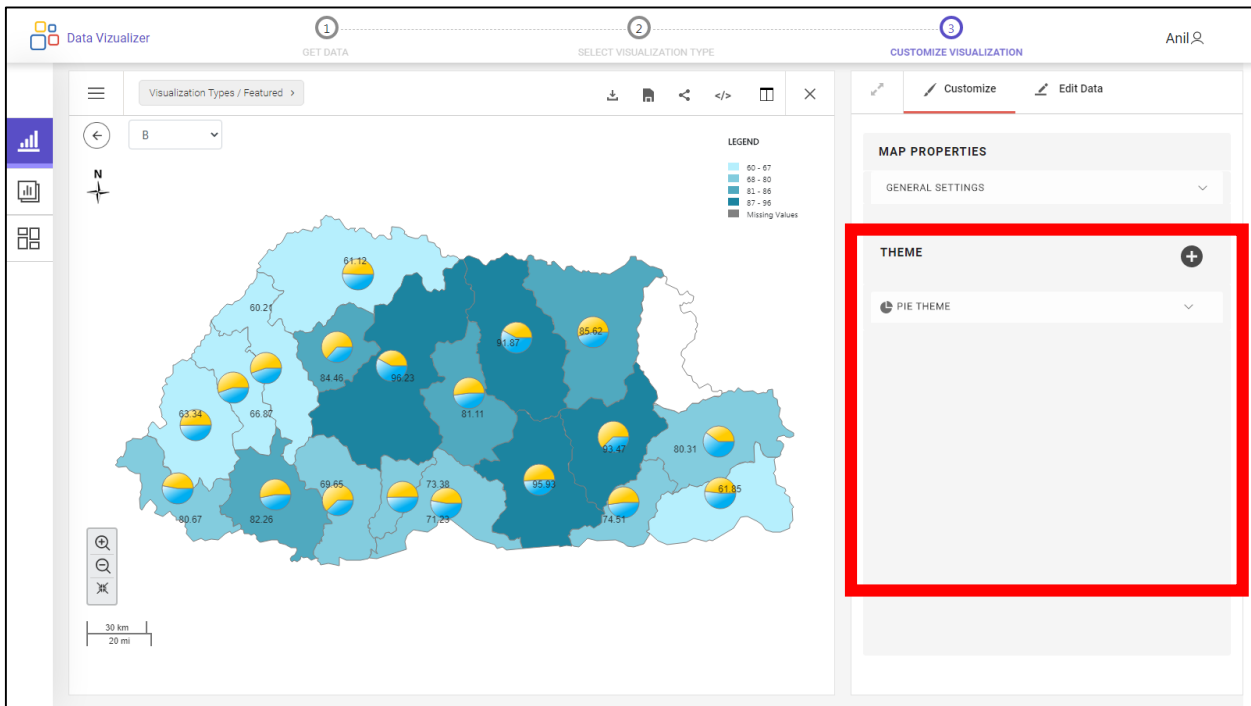
The screenshot shows the Data Vizualizer interface with the 'Edit Data' panel open. The 'Edit Data' button is highlighted with a red border. Below it, there is a checkbox 'My data has header' and a table with the following data:

Area	A	B	C
1 Area	Male	Female	
2 Bumthang	2.1	5.1	
3 Chhukha	3.5	6.5	
4 Dagana	33.3	36.3	
5 Gasas	12.6	15.6	
6 Haa	0.9	3.9	
7 Lhuentse	6.7	9.7	
8 Monggar	17.1	20.1	
9 Paro	0.3	3.3	
10 Pemagatshel	13.7	16.7	
11 Punakha	2.6	5.6	
12 Samdrupjongkhar	6.2	9.2	
13 Samtse	12.3	15.3	

Step 9: You can add theme to show another set of data on thematic map.

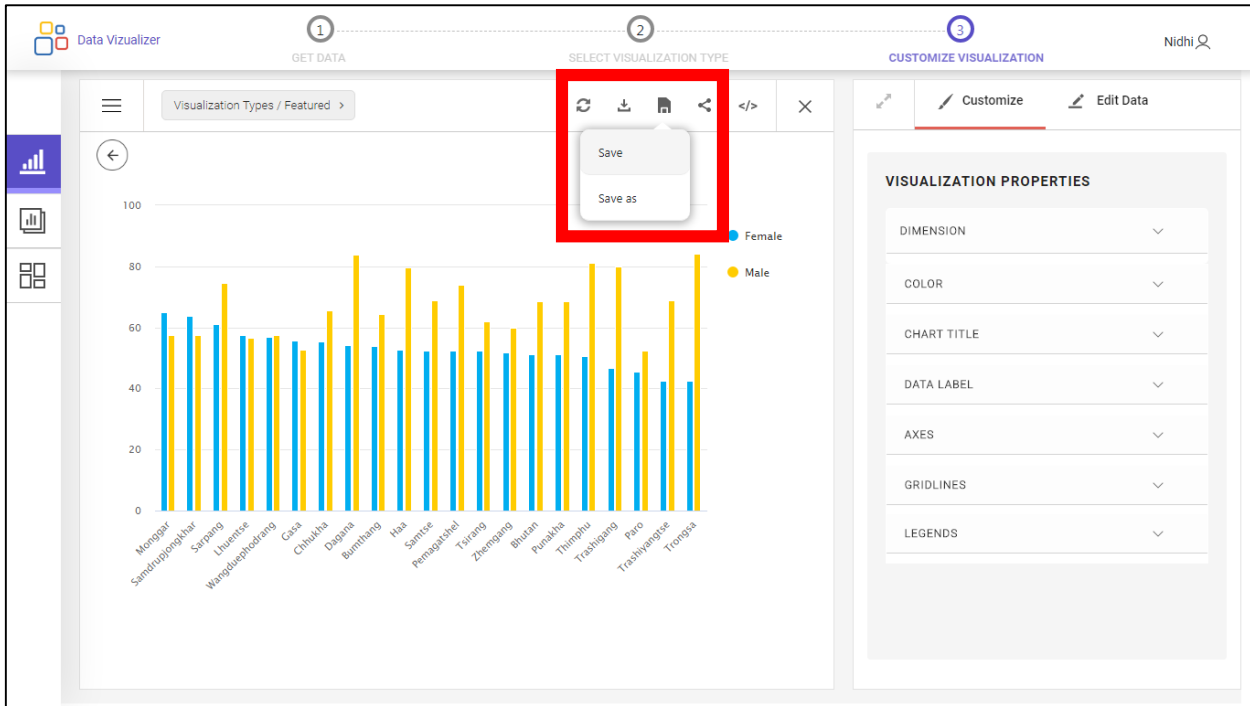


Step 10: Pie theme is added to show another set of data on thematic map.

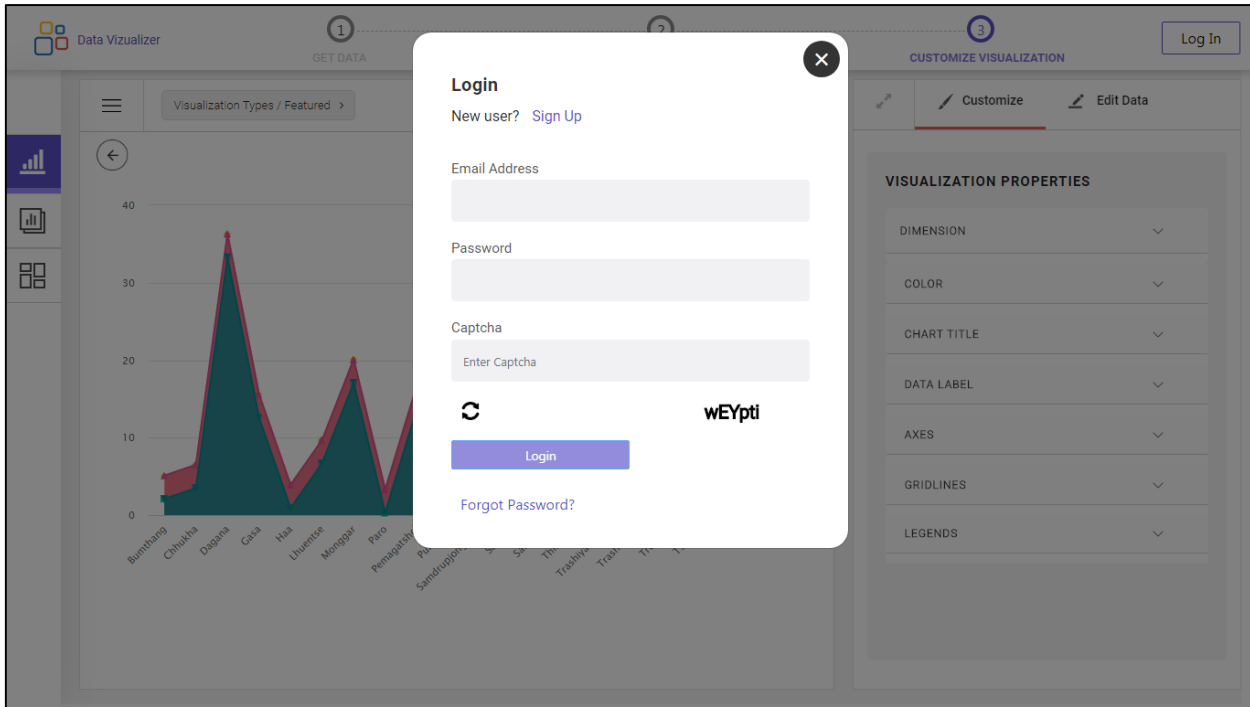


2. CREATE GALLERY

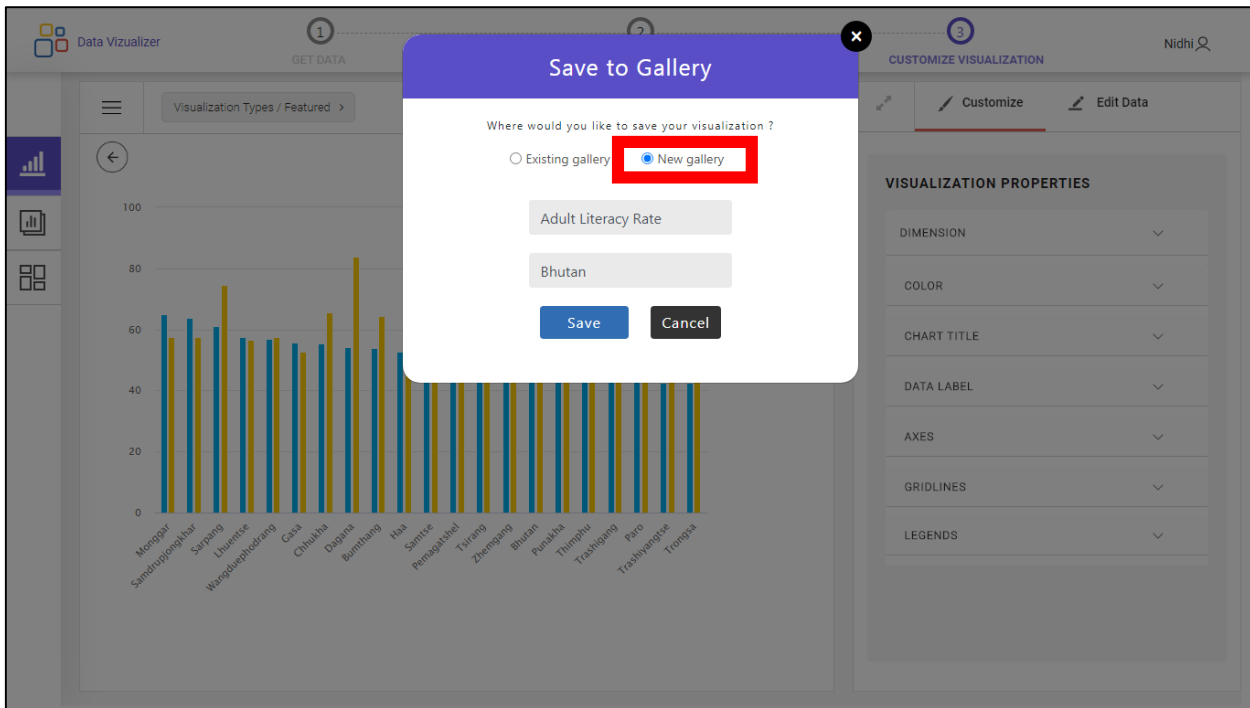
Step 1: Click on **Save** button to keep your visualization.



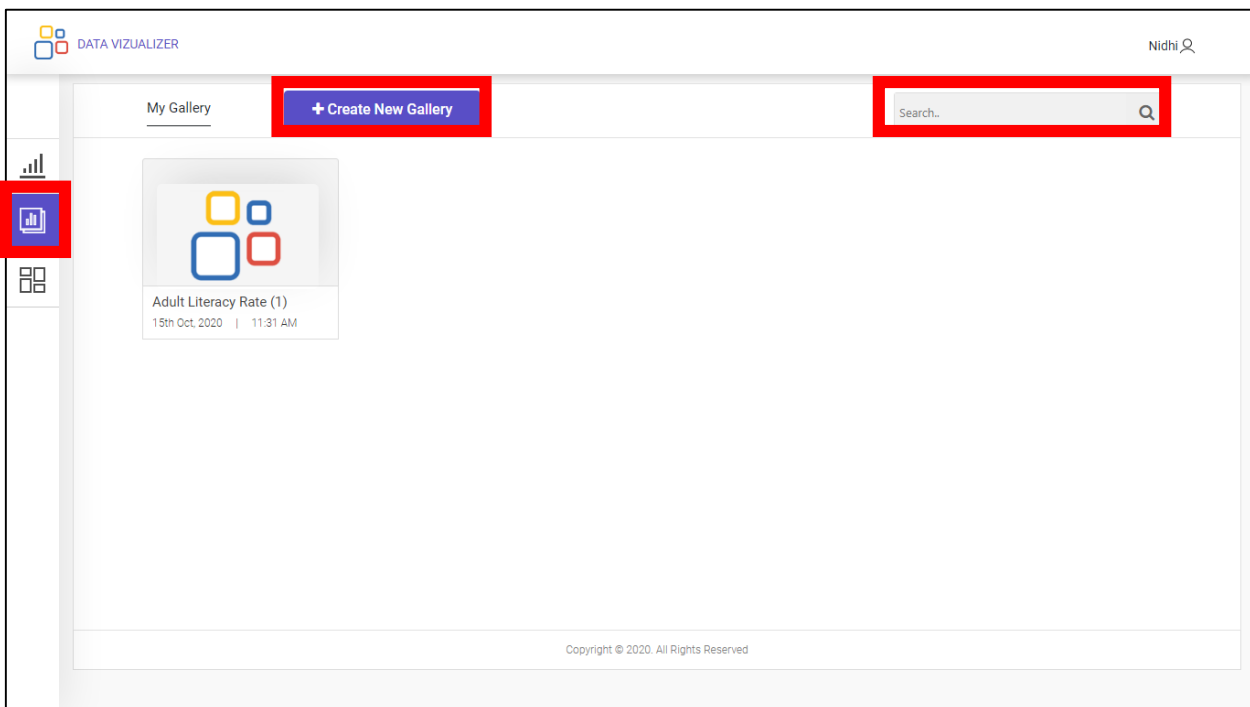
Step 2: Login into **Data Visualizer** by entering your credentials.



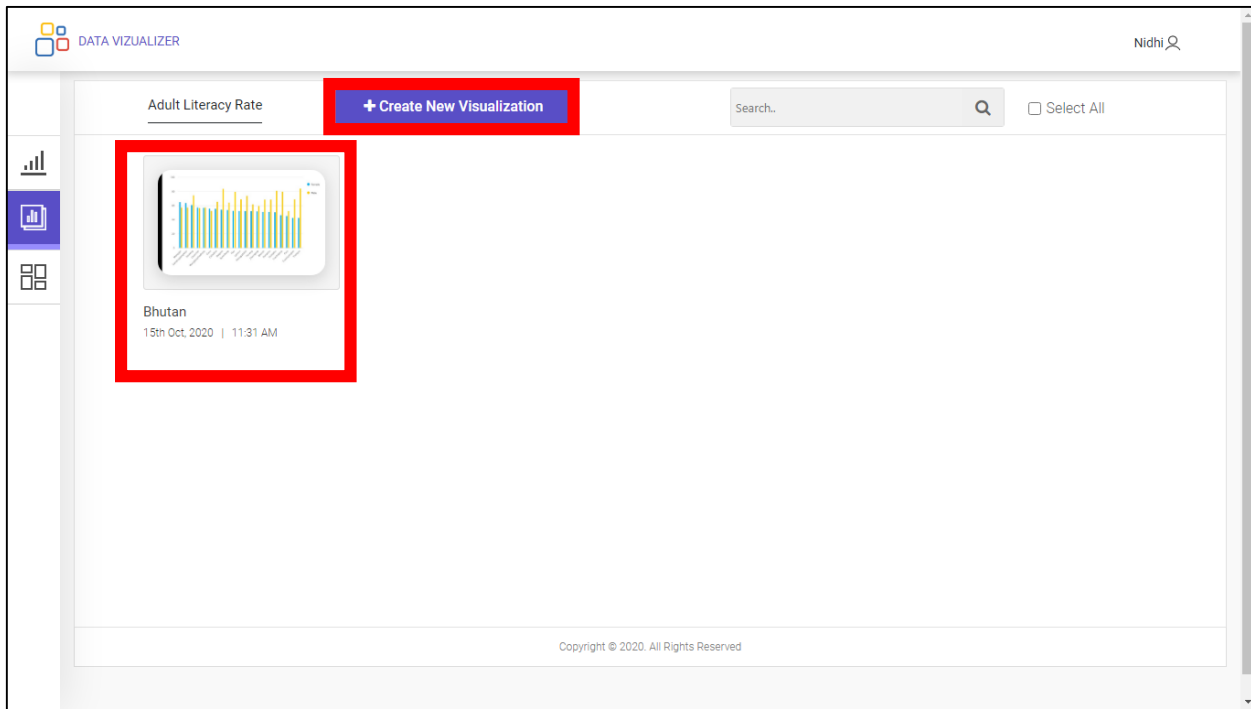
Step 3: Select **New gallery** enter gallery name and click on **Save**.



Step 4: Click on **Gallery** icon from side panel to check created gallery. You can also click on **Create New Galley** to add more gallery. Use search tab to quick search gallery by name.



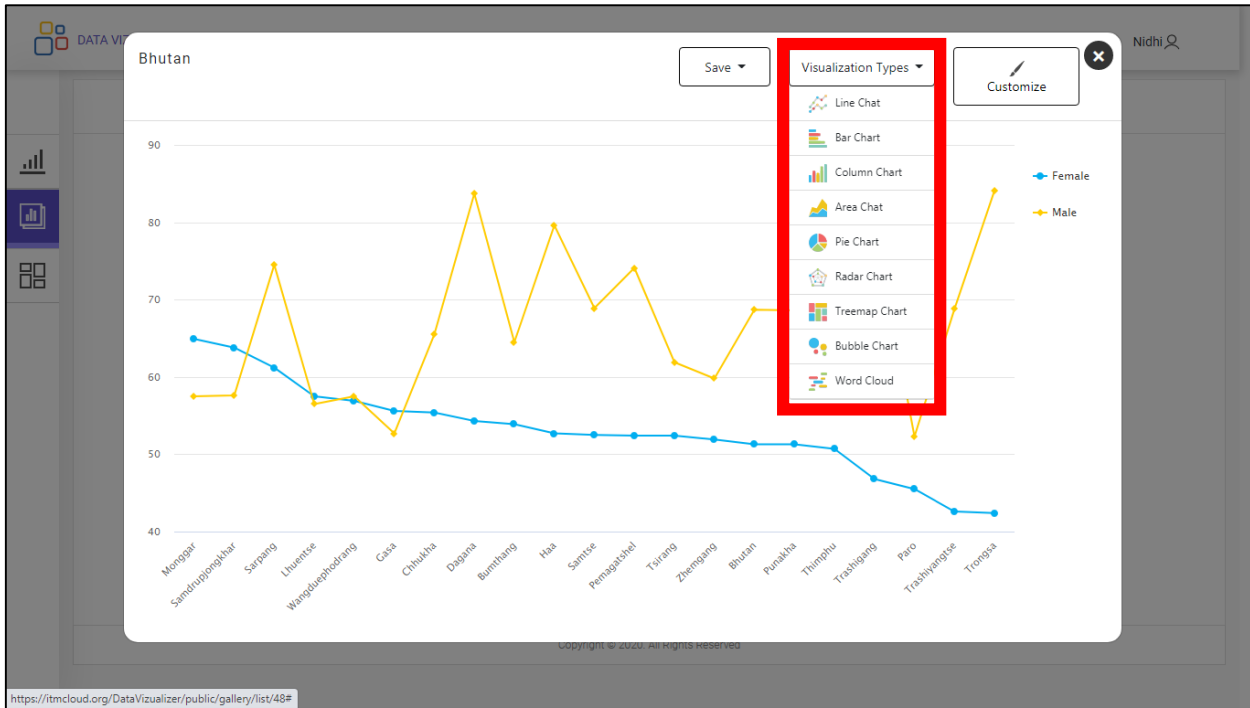
Step 5: By clicking on **Gallery** you can view all the visualizations saved in gallery. By clicking on **Create New Visualization** you can add more visualizations in the gallery.



Step 6: Use features to update and save visualization.



Step 7: Click on **Visualization Type** to change chart type and by clicking on **Customize** you will be redirected to Customization page.

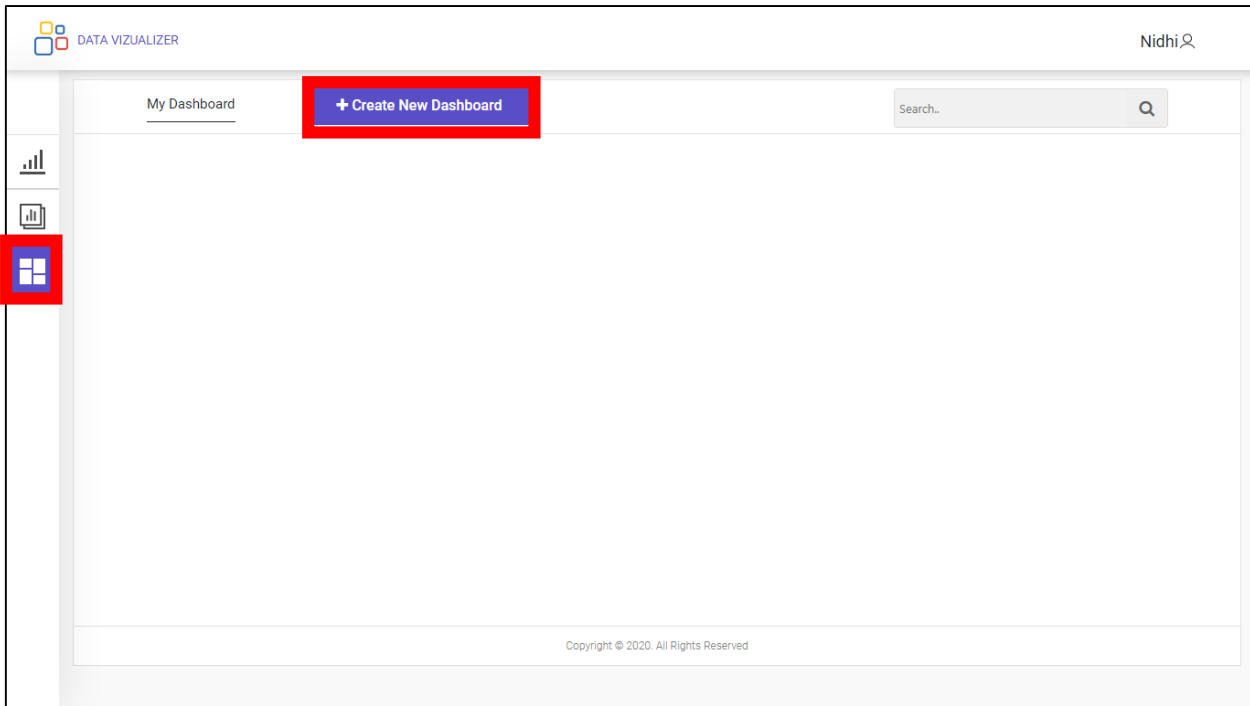


Step 8: Click on **Save** to store updated visualization by different name or click on **New Gallery** to store in different gallery.

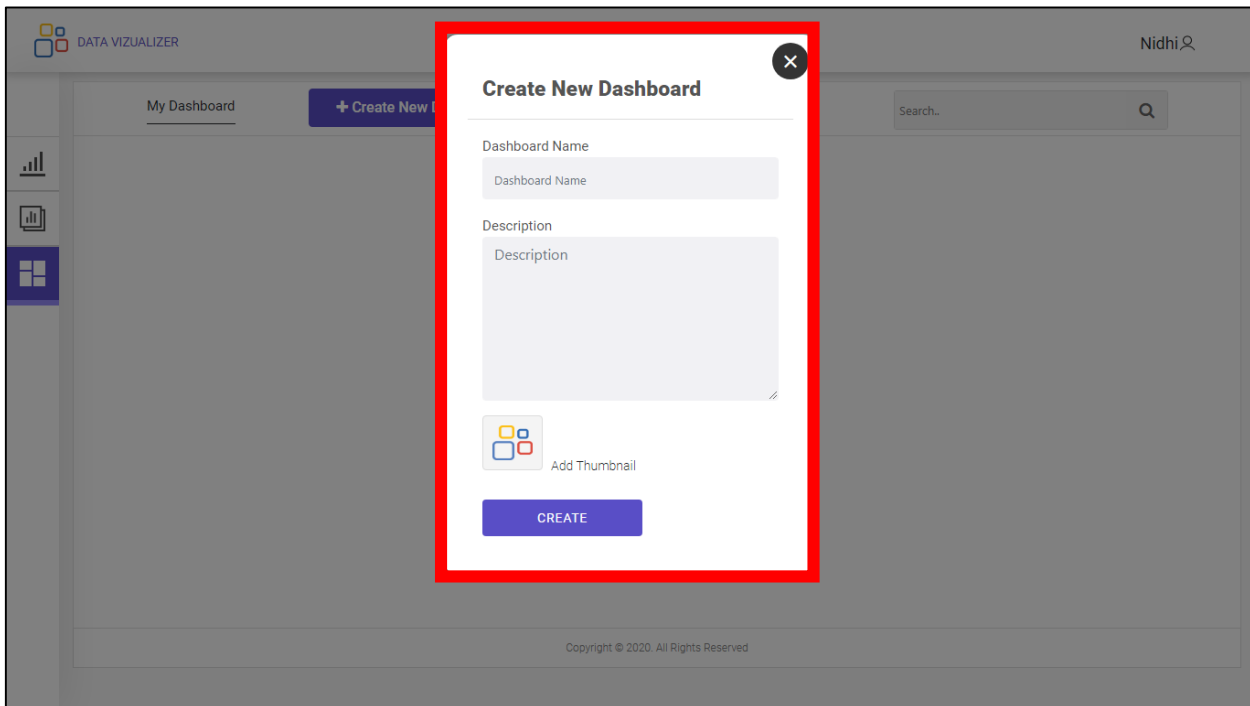
The screenshot shows a "Save to Gallery" dialog box. It asks "Where Would you like to save your visualization ?" with two radio buttons: "Existing gallery" (selected) and "New gallery". Below this, there is a dropdown menu showing "Adult Literacy Rate" and a text input field containing "Literacy rate by districts". At the bottom, there are "Save" and "Cancel" buttons. A red box highlights the entire dialog box.

3. CREATE DASHBOARD

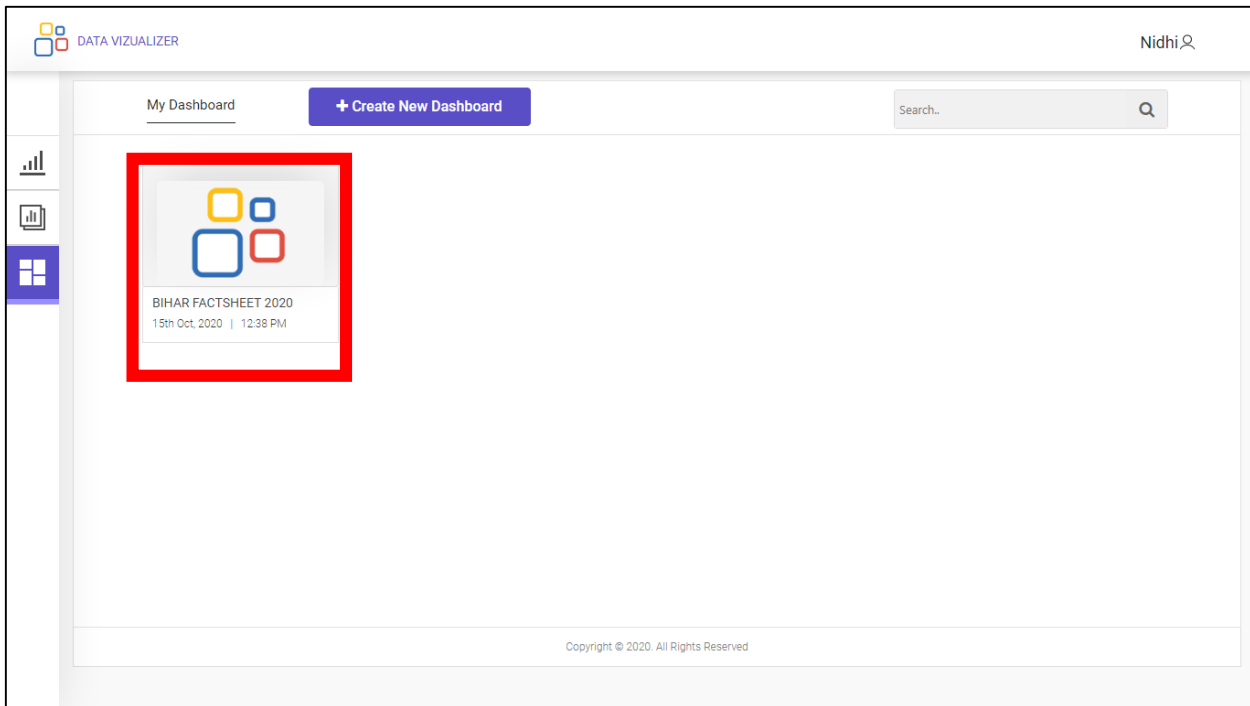
Step 1: Click on **Dashboard** icon from left panel and then click on **Create New Dashboard** tab.



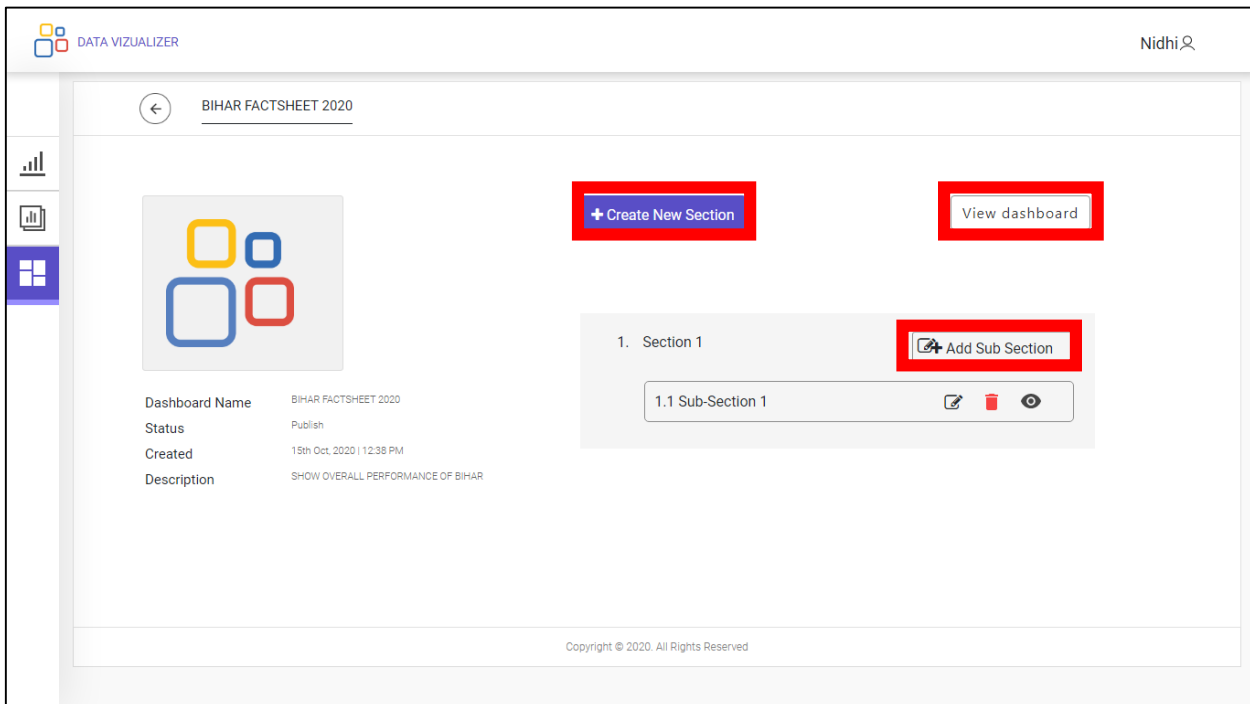
Step 2: Enter Dashboard Name, Description, click on Add Thumbnail to upload an image for the dashboard and then click on **CREATE**.



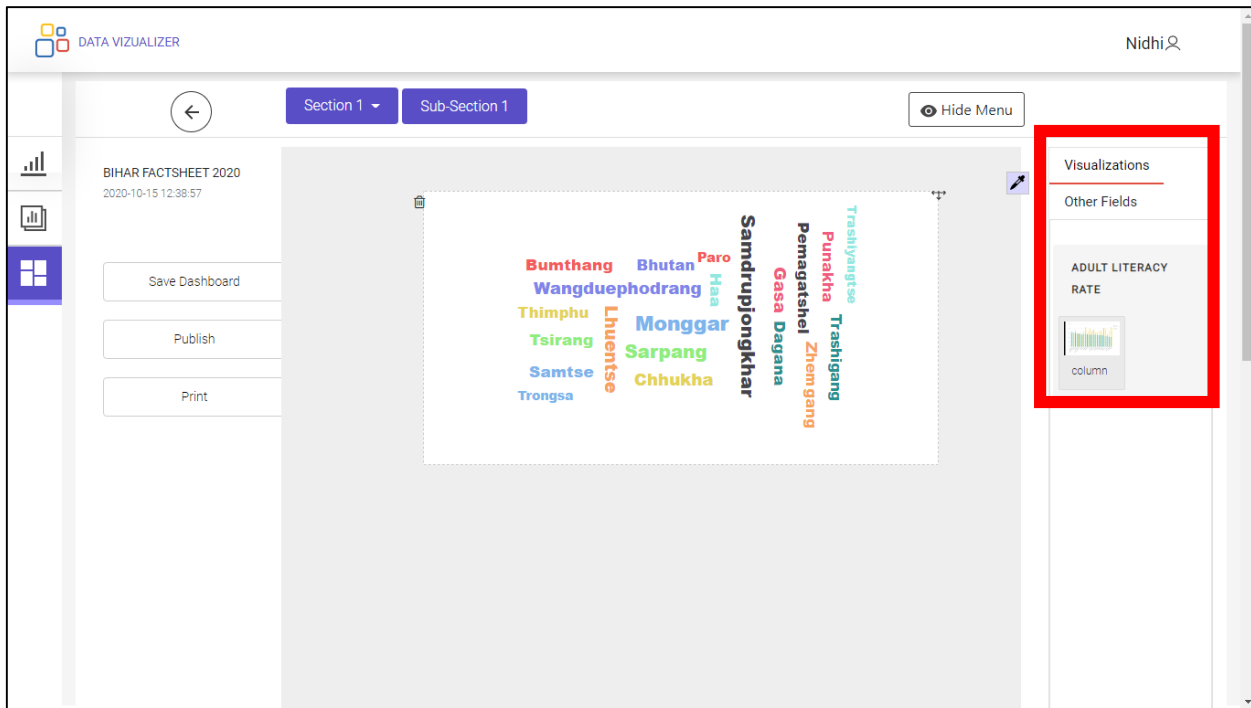
Step 3: New dashboard is added and can be seen in **My Dashboard** section. Click on one of the saved dashboard.



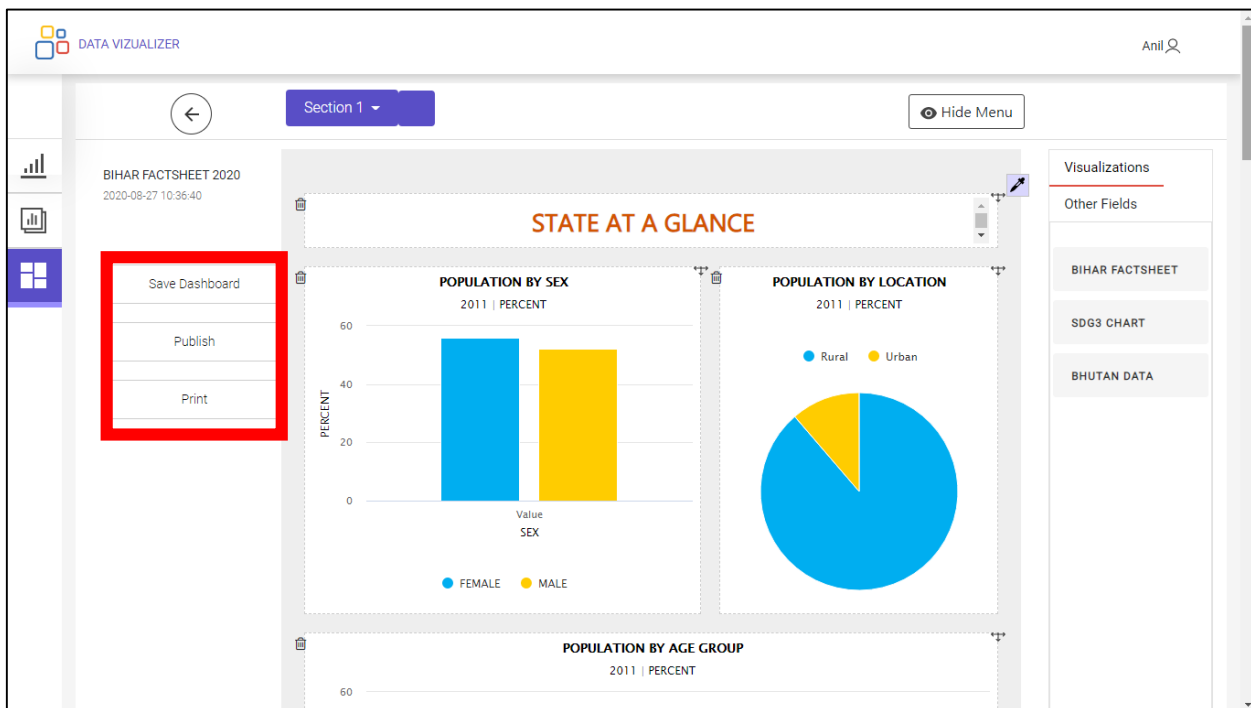
Step 4: Click on **Create New Section** and **Add Sub Section** to add more section and subsections. Click on **View dashboard** to add visualizations to the dashboard.



Step 5: Click to drag and drop the visualization you want to add in the dashboard from the **Visualizations** section.



Step 6: You can **Save**, **Publish** and **Print** dashboard.



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