

Project Development Phase  
Model Performance Test

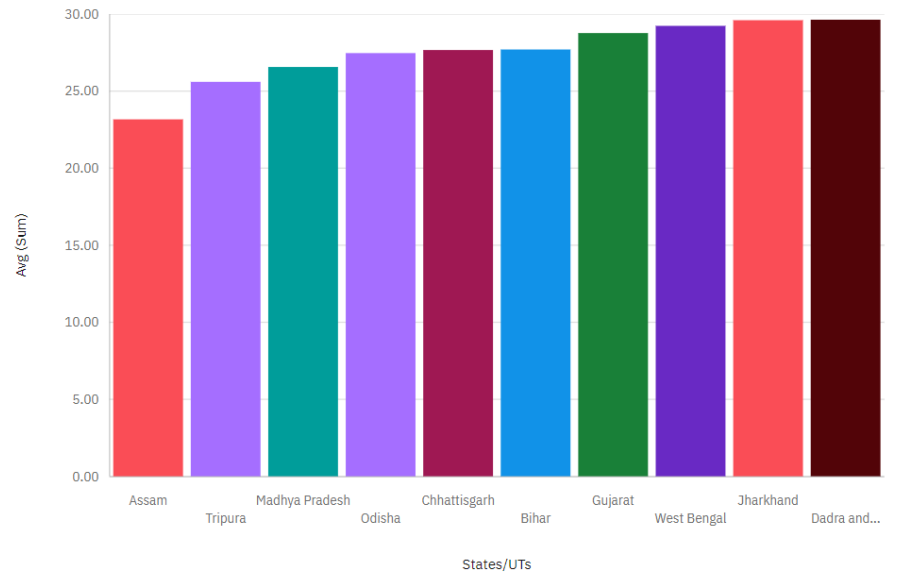
Date	17 October 2023
Team ID	NM2023TMID07497
Project Name	Empowering The Future: A Literacy Rate Analysis For A Better Future Tomorrow
Maximum Marks	10 Marks

Model Performance Testing:

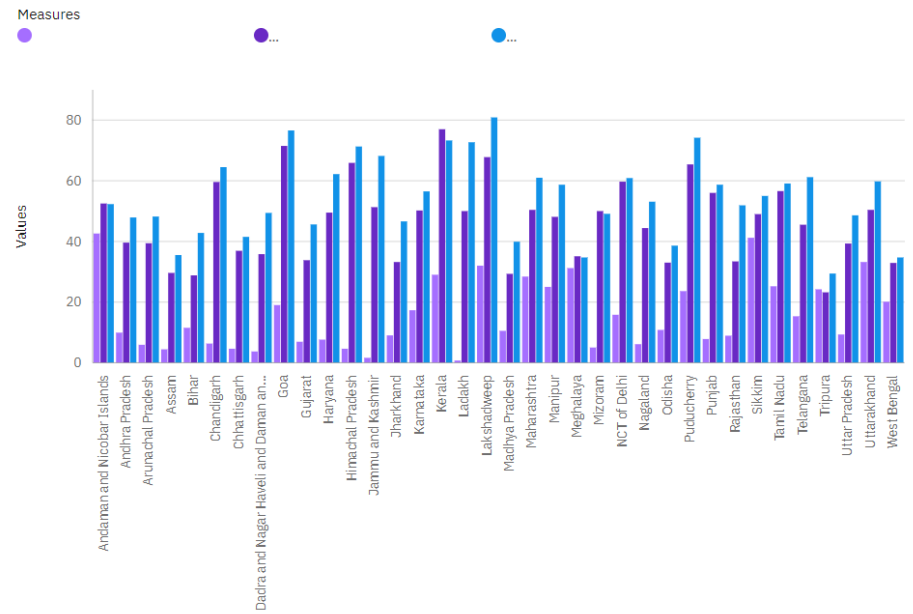
Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<div><p>No of Visualizations / Graphs - 7</p><p>Overall Literacy Rate</p><p>Avg (Sum) 29.80 45.50</p><p>Area Rural Total Urban</p><p>Urban   45.50</p><p>Total   34.93</p><p>Rural   29.80</p></div>

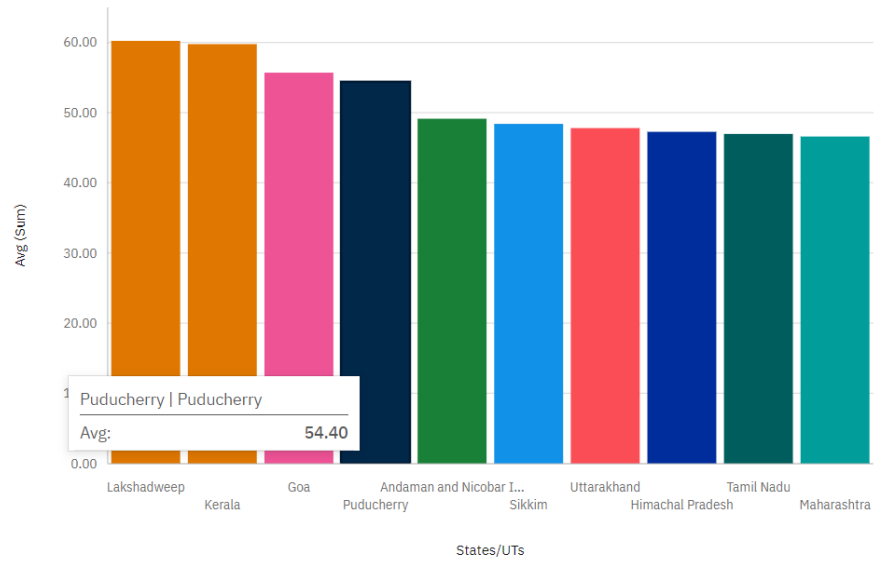
Bottom Literate states



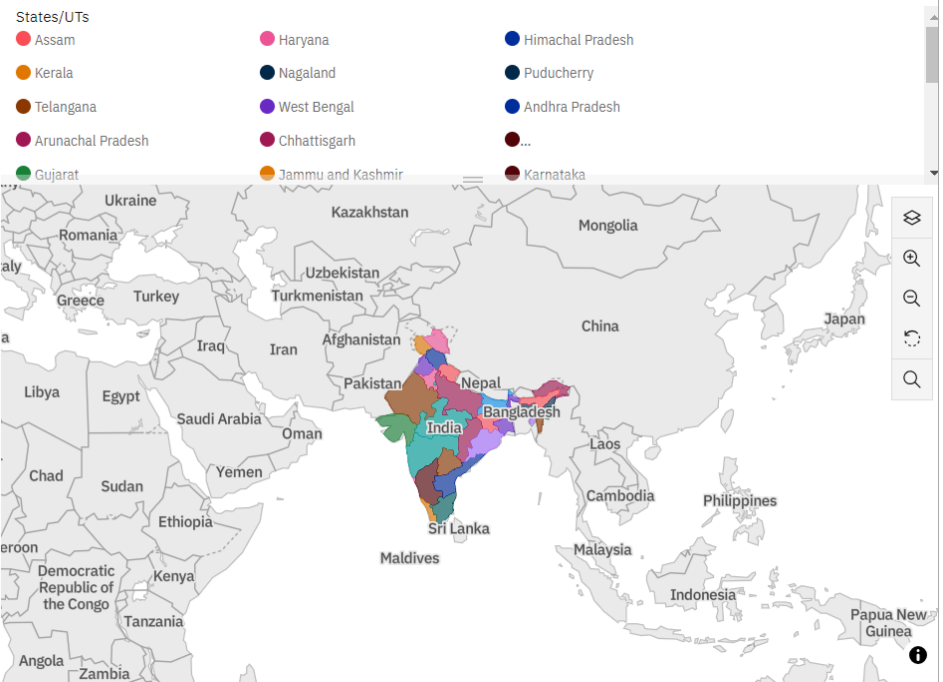
Literacy rate of Women,men and Children in States



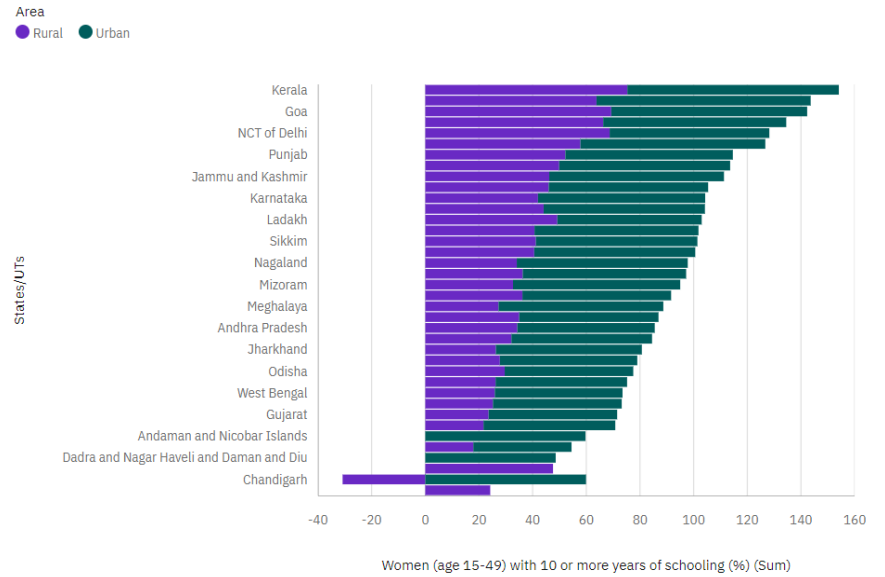
Top 10 Literate states



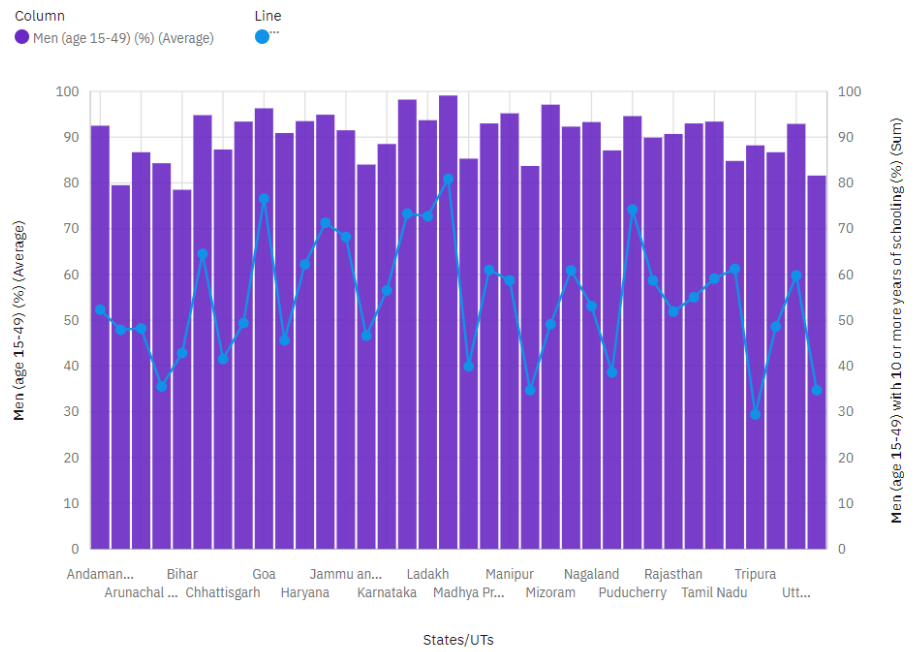
Literacy rate in States



## Women Literacy Rate in Rural and Urban Area



## Men with Age Group 15-49 over those who attended schooling



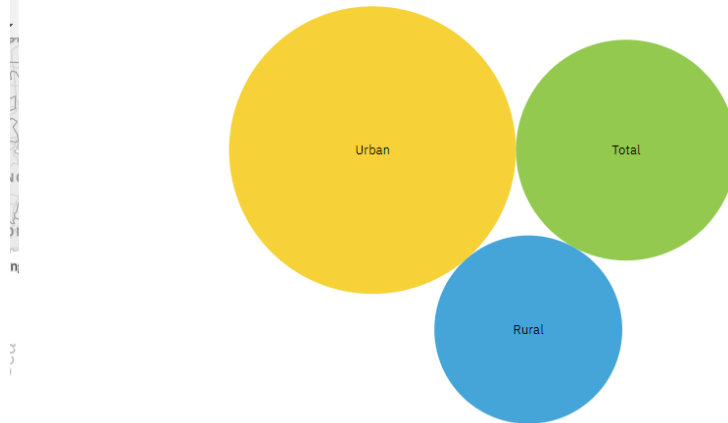
2.	Data Responsiveness	<div><div><div>GridRelationshipsCustom tables</div><table><tr><th>Avg</th><th>Sum</th><th>Row Id</th><th>States/UTs</th><th>Area</th><th>Children ag...ary school</th><th>Womer</th></tr><tr><td>45.50</td><td>136.5</td><td>1</td><td>India</td><td>Urban</td><td>18.1</td><td>83</td></tr><tr><td>29.80</td><td>89.4</td><td>2</td><td>India</td><td>Rural</td><td>12</td><td>65.9</td></tr><tr><td>34.93</td><td>104.80000000000001</td><td>3</td><td>India</td><td>Total</td><td>13.6</td><td>71.5</td></tr><tr><td>39.70</td><td>119.1</td><td>4</td><td>Andaman and Nicobar Islands</td><td>Urban</td><td>0</td><td>86.6</td></tr><tr><td>43.00</td><td>129</td><td>5</td><td>Andaman and Nicobar Islands</td><td>Rural</td><td>33.7</td><td>85.6</td></tr><tr><td>49.13</td><td>147.39999999999998</td><td>6</td><td>Andaman and Nicobar Islands</td><td>Total</td><td>42.6</td><td>86</td></tr><tr><td>40.30</td><td>120.9</td><td>7</td><td>Andhra Pradesh</td><td>Urban</td><td>10.2</td><td>79</td></tr><tr><td>28.87</td><td>86.6</td><td>8</td><td>Andhra Pradesh</td><td>Rural</td><td>9.8</td><td>63.8</td></tr><tr><td>32.47</td><td>97.4</td><td>9</td><td>Andhra Pradesh</td><td>Total</td><td>9.9</td><td>68.6</td></tr><tr><td>42.50</td><td>127.5</td><td>10</td><td>Arunachal Pradesh</td><td>Urban</td><td>8</td><td>84.7</td></tr></table></div><div><div>Literacy rate of Women,Men and Children</div><div><div>Measures</div><div>Area</div><div><div>13.6</div><div>41</div><div>50.2</div></div></div></div></div>	Avg	Sum	Row Id	States/UTs	Area	Children ag...ary school	Womer	45.50	136.5	1	India	Urban	18.1	83	29.80	89.4	2	India	Rural	12	65.9	34.93	104.80000000000001	3	India	Total	13.6	71.5	39.70	119.1	4	Andaman and Nicobar Islands	Urban	0	86.6	43.00	129	5	Andaman and Nicobar Islands	Rural	33.7	85.6	49.13	147.39999999999998	6	Andaman and Nicobar Islands	Total	42.6	86	40.30	120.9	7	Andhra Pradesh	Urban	10.2	79	28.87	86.6	8	Andhra Pradesh	Rural	9.8	63.8	32.47	97.4	9	Andhra Pradesh	Total	9.9	68.6	42.50	127.5	10	Arunachal Pradesh	Urban	8	84.7
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3.	Amount Data to Rendered (DB2 Metrics)	It depends on the number of metrics being tracked, the time period under consideration, and the granularity of the data.																																																																													

4.

## Utilization of Data Filters

Region wise average literacy rate

Avg 29.80 45.50 Area Rural Total Urban



5.

## Effective User Story

No of Scene Added - 5

Literacy is the ability to read, write, speak and listen in a way that let us

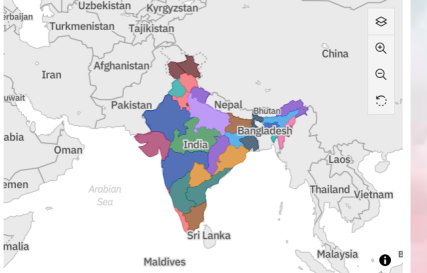
Literacy in India is a key for social economic progress

Literacy involves learning and enabling individual to achieve their goals

## Overall India Lieteracy Rate

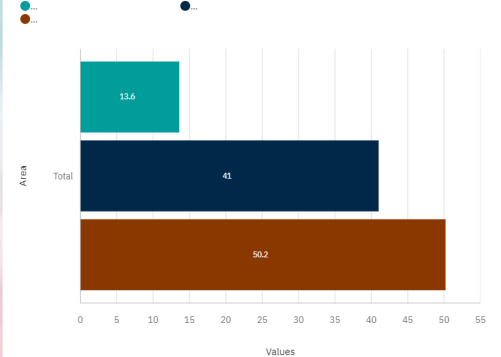
Literacy rate in States

States/UTs  
 Arunachal Pradesh  
 Himachal Pradesh  
 Lakshadweep  
 Nagaland  
 Tripura  
 Mizoram  
 Assam  
 Gujarat  
 Ladakh  
 Maharashtra  
 Telangana  
 West Bengal  
 Chhattisgarh

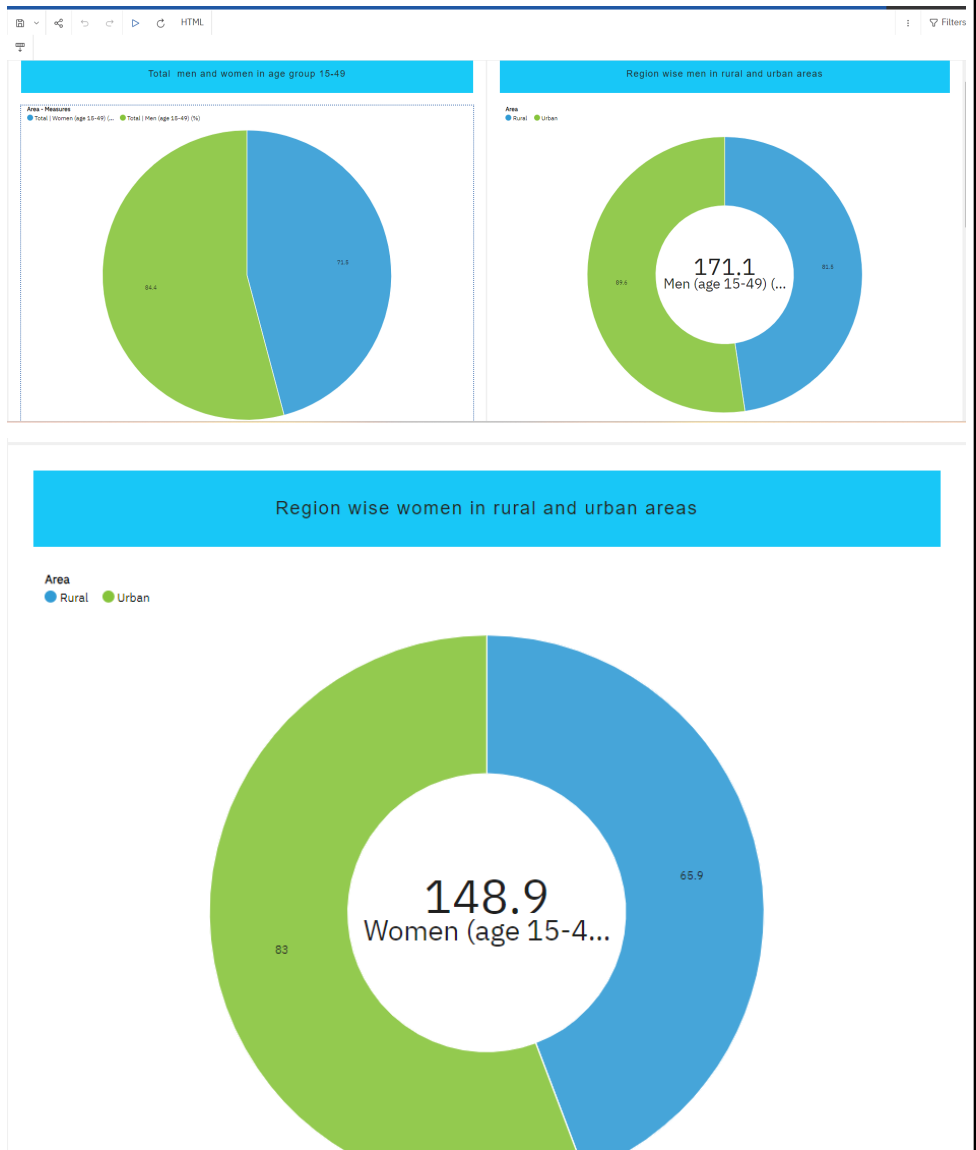


Literacy rate of Women, Men and Children

Measures  
 Total  
 Women  
 Men

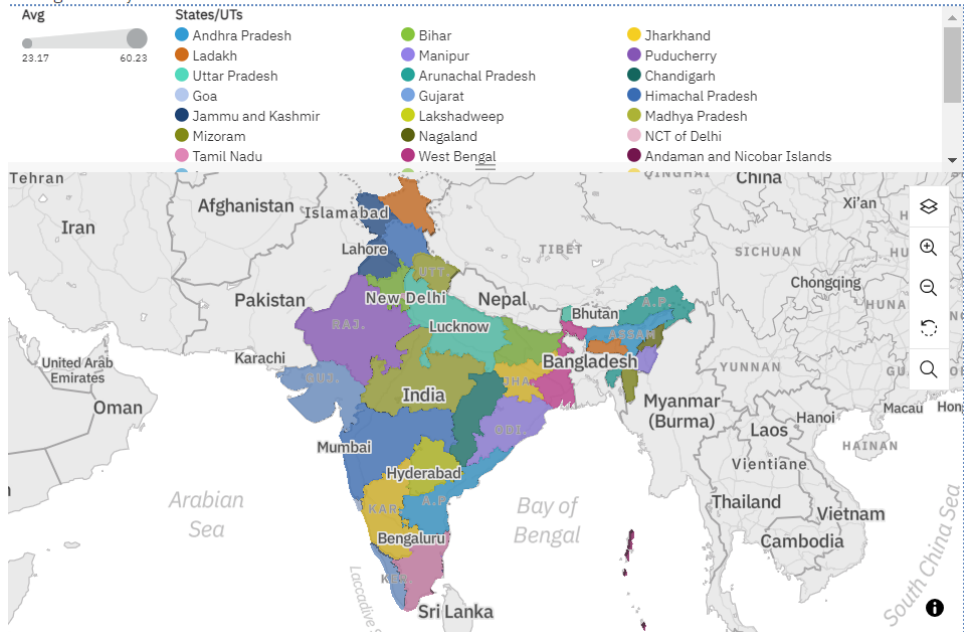


		<div><h2>Area wise literacy rate</h2><div><div><div>children literacy rate</div><div><div>Area</div><div><div>Rural</div><div>Urban</div></div></div><div><div>30.1</div><div>Children age 5 yea...</div><div><div>18.1</div><div>12</div></div></div></div><div><div>women literacy rate</div><div><div>Area</div><div><div>Rural</div><div>Urban</div></div></div><div><div>90</div><div>Women (age 15-4...</div><div><div>56.3</div><div>33.7</div></div></div></div><div><div>men literacy rate</div><div><div>Area</div><div><div>Rural</div><div>Urban</div></div></div><div><div>105.8</div><div>Men (age 15-49) ...</div><div><div>62.1</div><div>43.7</div></div></div></div></div><div><h2>Area wise literacy rate</h2><div><div>Lakshadeep and kerala is highest literacy rate</div><div><div>Top 10 Literate states</div><div><div>Avg (Sum)</div><div><div>60.00</div><div>50.00</div><div>40.00</div><div>30.00</div><div>20.00</div><div>10.00</div><div>0.00</div></div><div><div>Lakshadweep</div><div>Kerala</div><div>Goa</div><div>Puducherry</div><div>Andaman and Nicobar Isl...</div><div>Sikkim</div><div>Uttarakhand</div><div>Himachal Pradesh</div><div>Tamil Nadu</div><div>Maharashtra</div></div><div>States/UTs</div></div></div></div><div><h2>Bottom literacy rate</h2><div><div>Assam and tripura are bottom literate rates</div><div><div>Bottom Literate states</div><div><div>Avg (Sum)</div><div><div>30.00</div><div>25.00</div><div>20.00</div><div>15.00</div><div>10.00</div><div>5.00</div><div>0.00</div></div><div><div>Assam</div><div>Tripura</div><div>Madhya Pradesh</div><div>Odisha</div><div>Chhattisgarh</div><div>Bihar</div><div>Gujarat</div><div>West Bengal</div><div>Jharkhand</div><div>Dadra and ...</div></div><div>States/UTs</div></div></div></div></div></div></div>
6.	Descriptive Reports	No of Visualizations / Graphs - 8

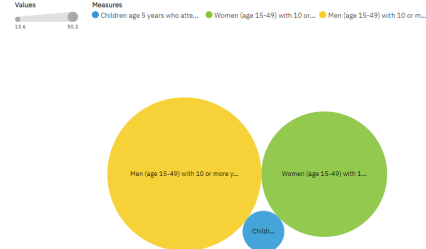




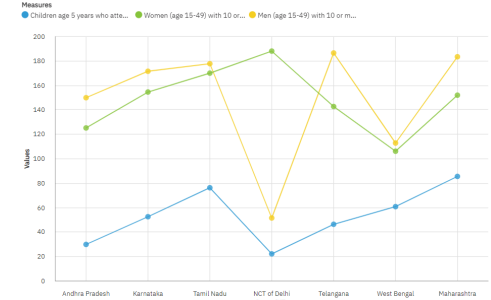
# Average literacy of Indian states



## Total literacy rate of women,men and children



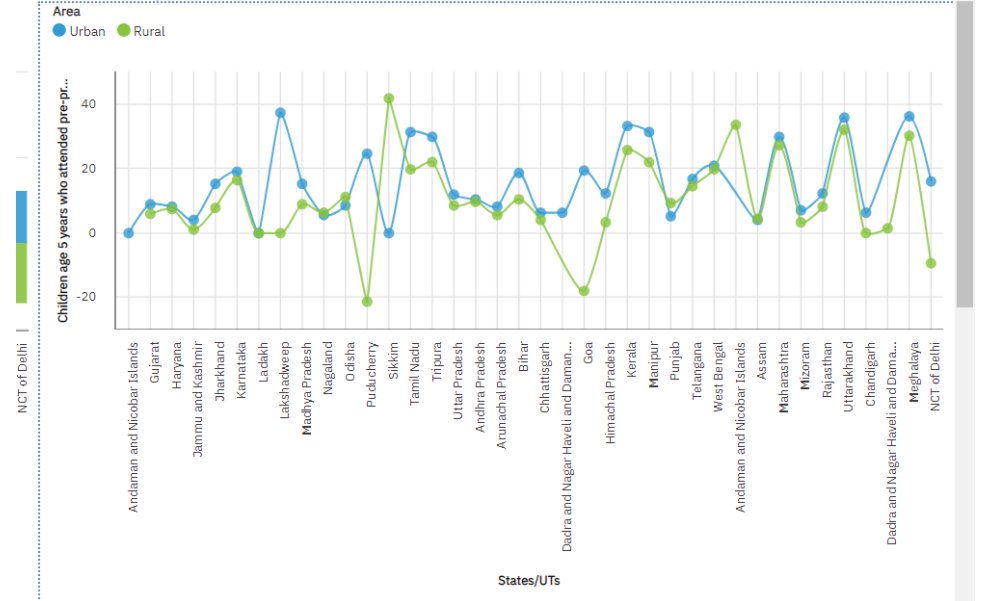
## Literacy rate of IT sector States



## Men literacy rate in urban and rural areas



Children literacy rate in urban and rural areas



Women literacy rate in urban and rural areas

