

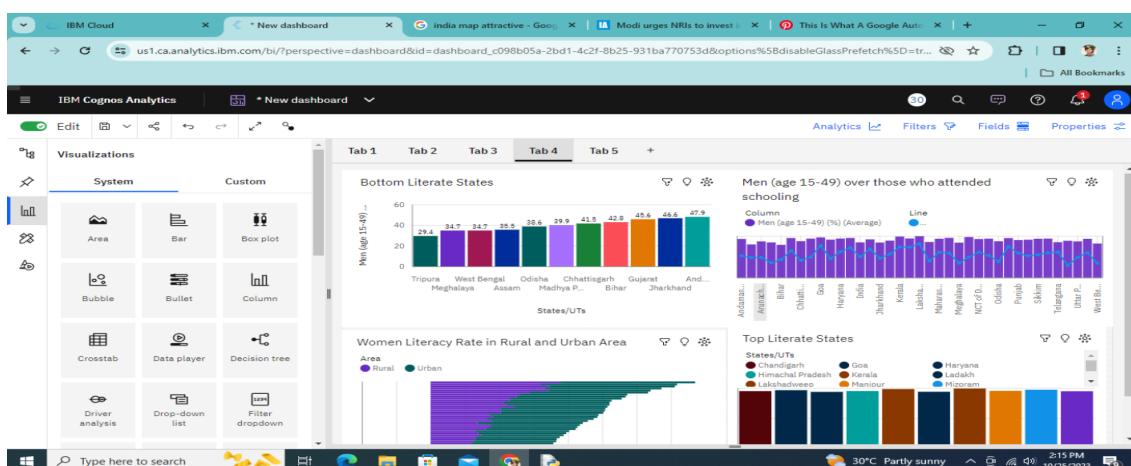
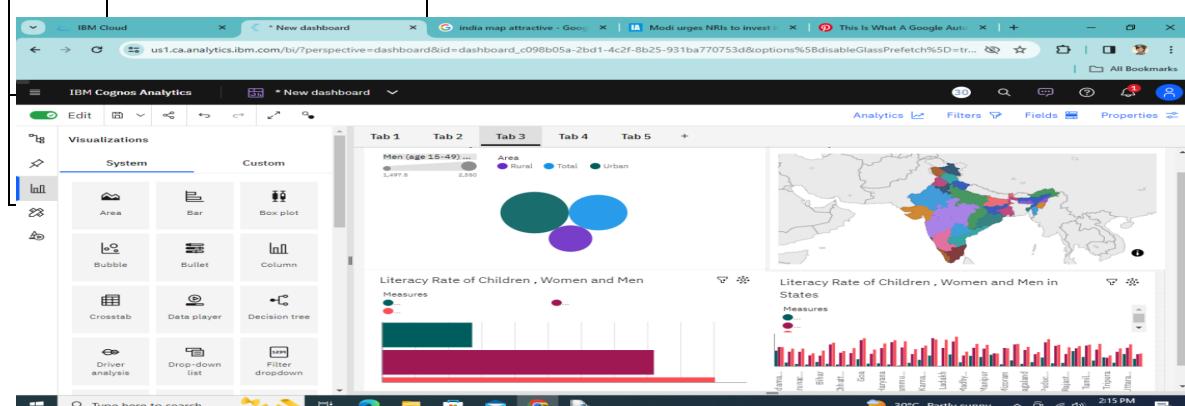
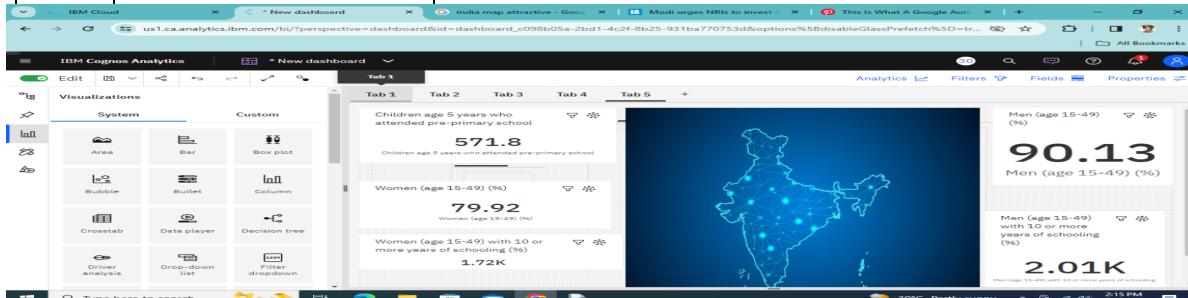
## Project Development Phase

### Model Performance Test

Date	25 October 2023
Team ID	NM2023TMID00931
Project Name	Empowering The Future: A Literacy Rate Analysis
Maximum Marks	10 Marks

#### Model Performance Testing:

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	No of Visualizations / Graphs -- 9



# Data Responsiveness: No of Visualizations--- 8

The screenshot shows the IBM Cognos Analytics interface with a dashboard titled "New dashboard". The left sidebar lists "Visualizations" categories: System (Area, Bar, Box plot, Bubble, Bullet, Column, Crosstab, Data player, Decision tree, Driver analysis, Drop-down list, Filter dropdown) and Custom. The main area contains five tabs: Tab 1, Tab 2, Tab 3 (selected), Tab 4, and Tab 5. Tab 3 displays a bubble chart titled "Men (age 15-49) ...". The chart has a legend for "Area" (Rural, Total, Urban) and a slider for values 1,497.5 and 2,580. Below the chart is a map of India with states colored by literacy rate. Two bar charts are also present: one titled "Literacy Rate of Children , Women and Men" and another titled "Literacy Rate of Children , Women and Men in States". The bottom navigation bar includes a search bar, a Windows icon, and a taskbar with icons for File Explorer, Mail, Google Chrome, and Microsoft Word.

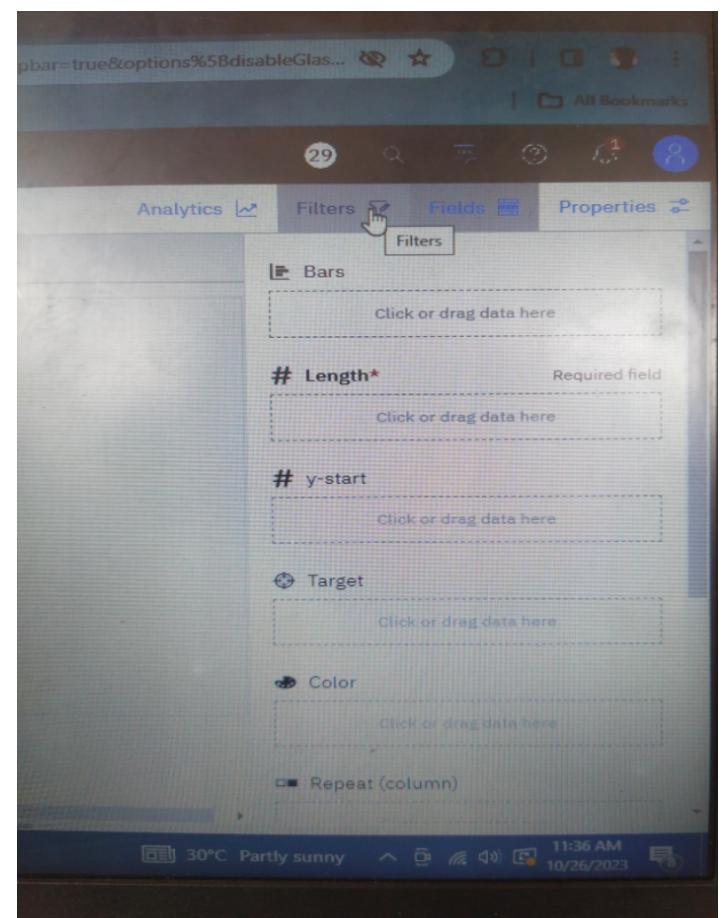
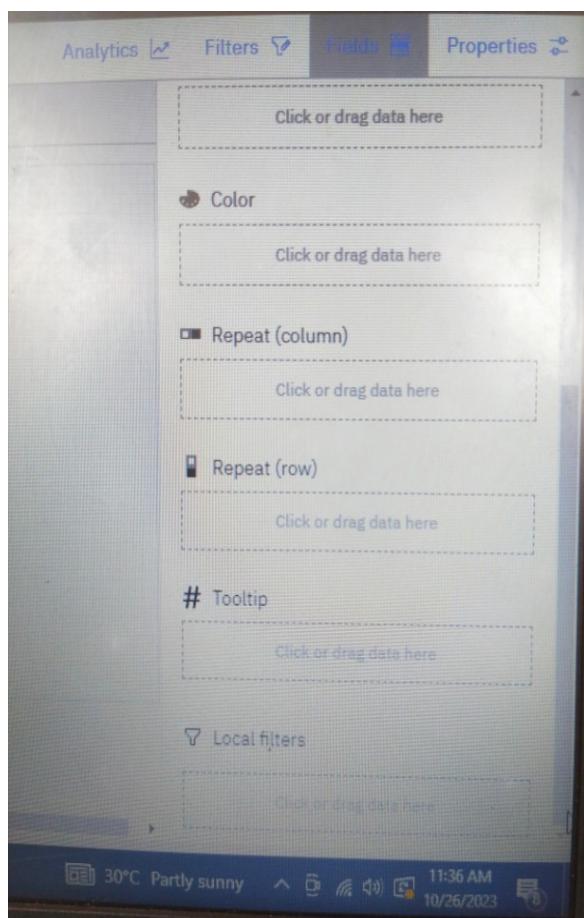
The screenshot shows a dashboard titled "Bottom Literate States" with a bar chart comparing literacy rates for men aged 15-49 across various Indian states. The chart shows rates ranging from 29.4% in Tripura to 47.9% in Andhra Pradesh. Below this, another chart displays the "Women Literacy Rate in Rural and Urban Area" as a stacked area chart.

State	Men (age 15-49) (%)
Tripura	29.4
Meghalaya	34.7
West Bengal	34.7
Assam	35.5
Odisha	38.6
Madhya P...	39.9
Chhattisgarh	41.5
Bihar	42.8
Gujarat	45.6
Jharkhand	46.6
Andhra P...	47.9

The dashboard also includes tabs for "Top Literate States" and "Men (age 15-49) over those who attended schooling". The "Visualizations" pane on the left lists various chart types: Area, Bar, Box plot, Bubble, Bullet, Column, Crosstab, Data player, Decision tree, Driver analysis, Drop-down list, and Filter dropdown.

Amount of data to be Rendered db2 metrics : 8 mb of raw data to be rendered to get the desired visualisations of the literacy data .

Utilisation of data filters : Local filter , values , x axis , y axis , colour filter all available in IBM cognos analytics.



# Effective user Stories : No of user Stories added is 8 visualisation

Empowering The Future : A Literacy Rate Analysis For A Better Future Tomorrow

Literacy is the ability to read, write , speak and listen

Indian literacy rate is more than 75% of the total population

The increase in literacy rates will lead to a better future

Overall literacy rate

Overall Literacy Rate

Men (age 15-49) ... Area

1,497.5 2,350

Rural Total Urban

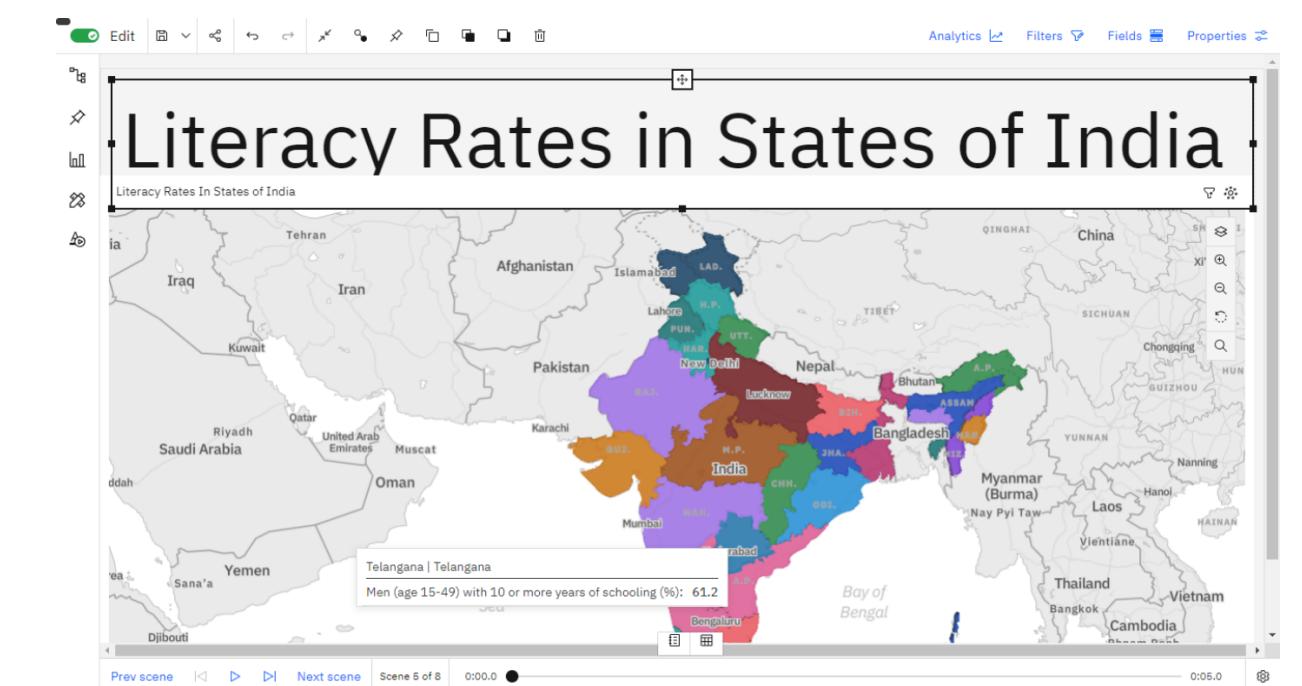
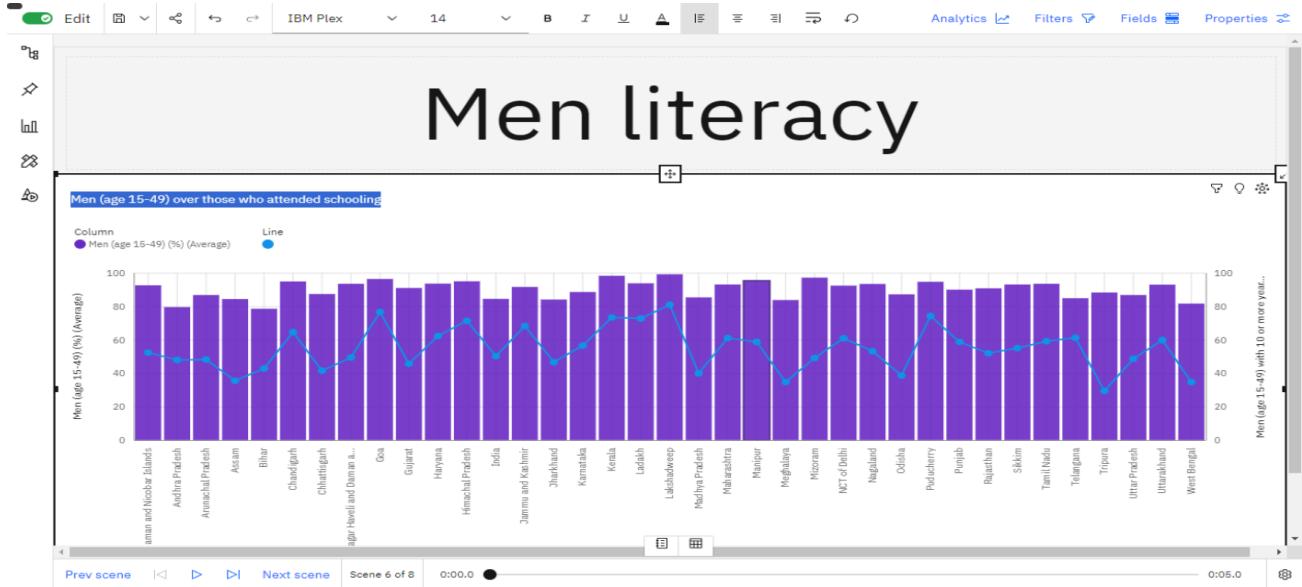
Urban

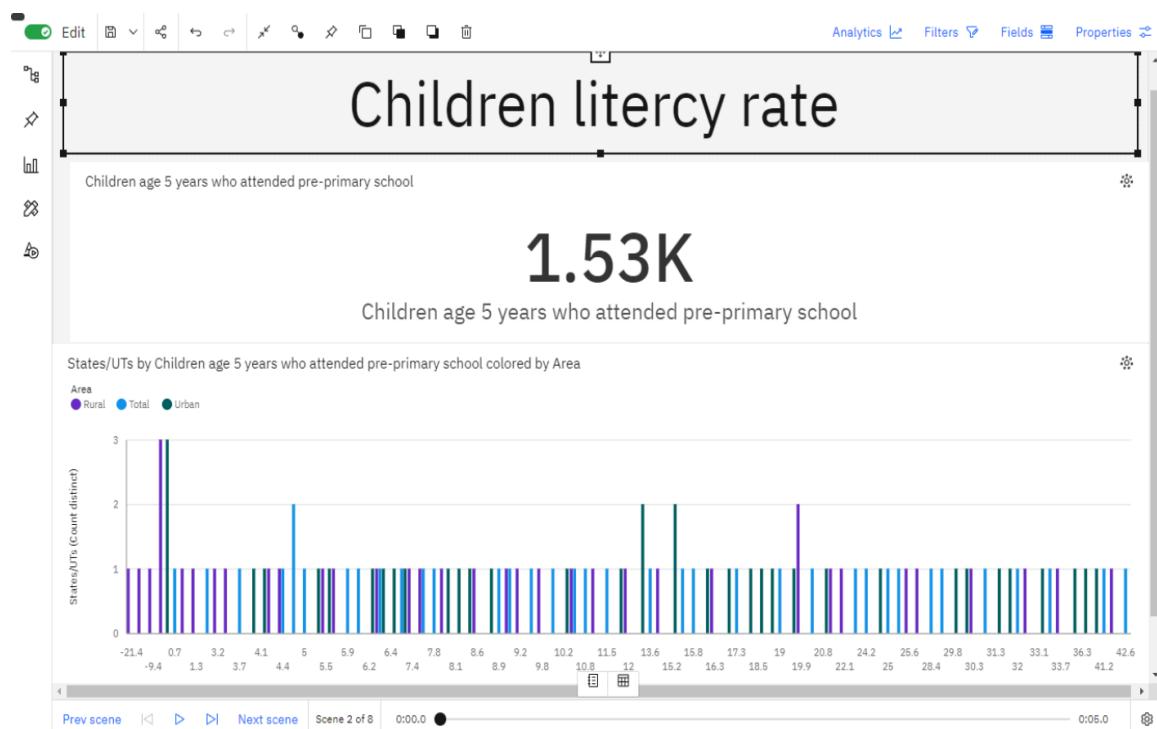
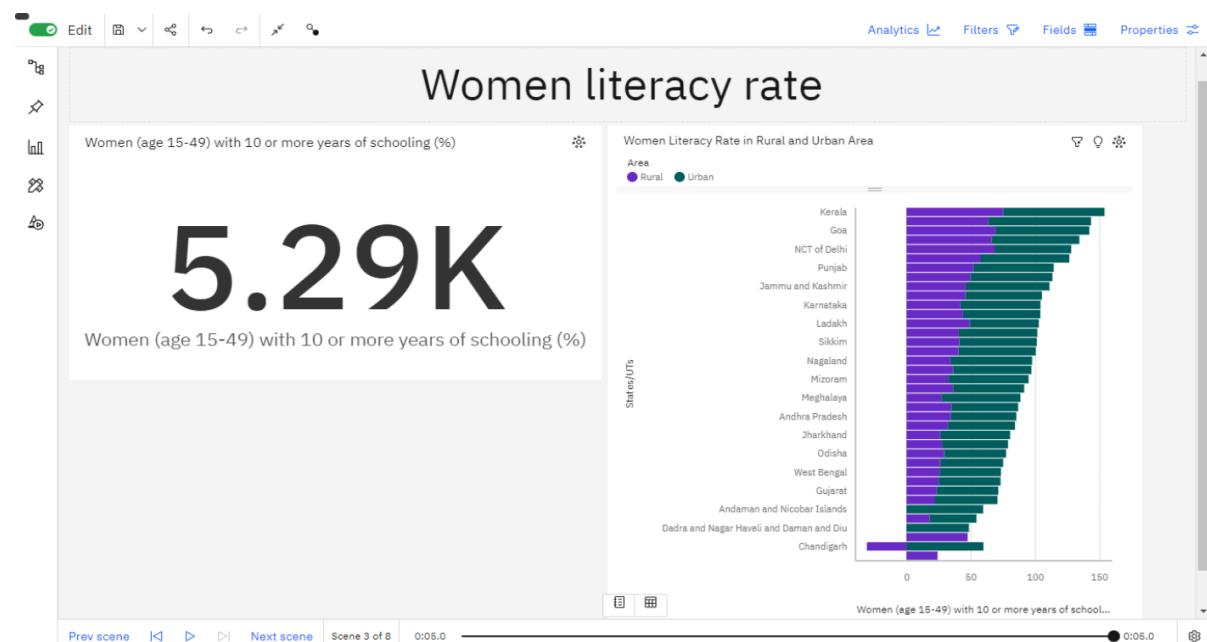
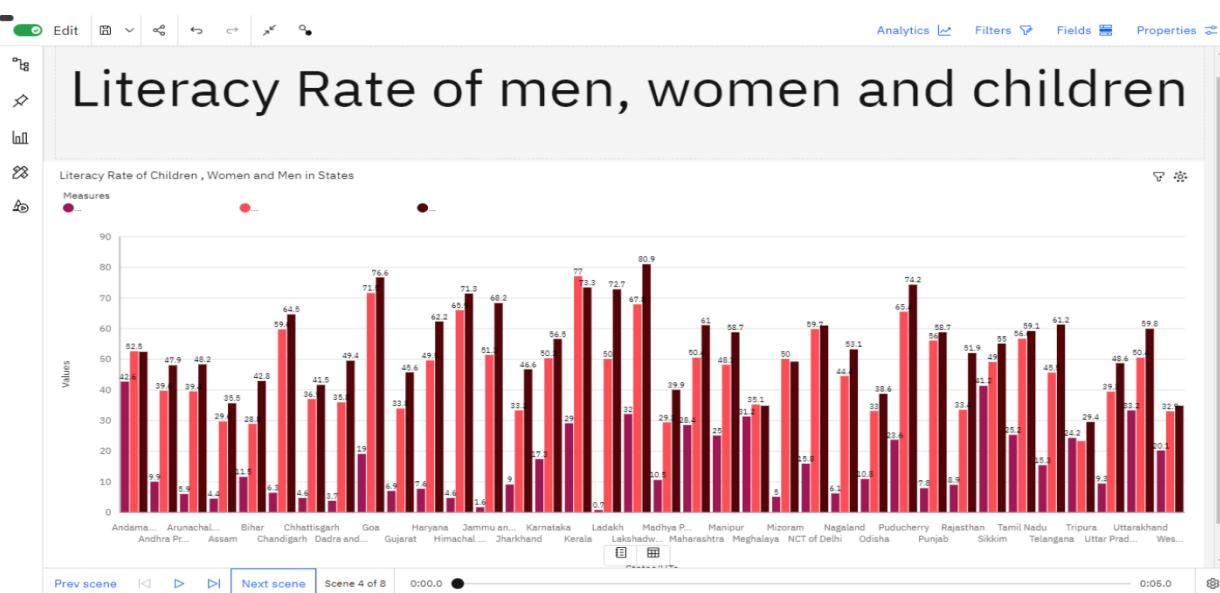
Total

Rural

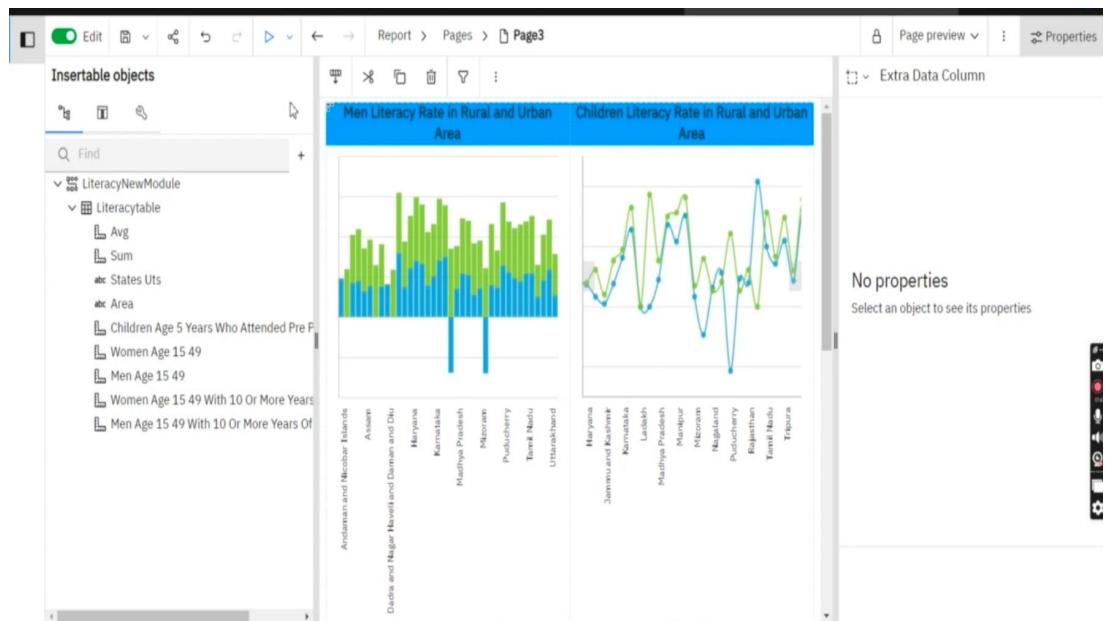
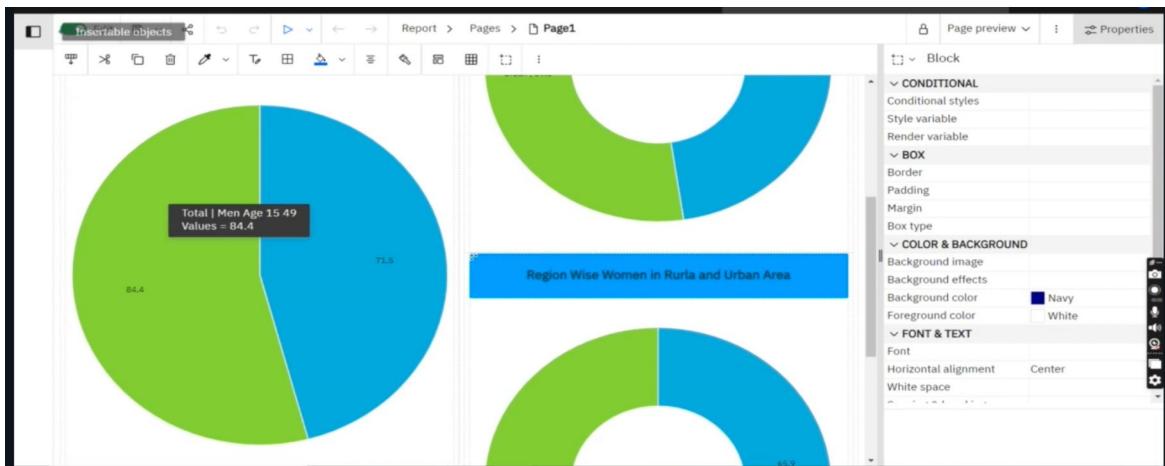
This screenshot shows a presentation slide titled "Empowering The Future : A Literacy Rate Analysis For A Better Future Tomorrow". The slide contains several text blocks and an image of books. Below the slide is a visualization titled "Overall literacy rate" showing three bubbles representing Urban, Total, and Rural areas. A legend indicates the data for Men (age 15-49) across different areas.

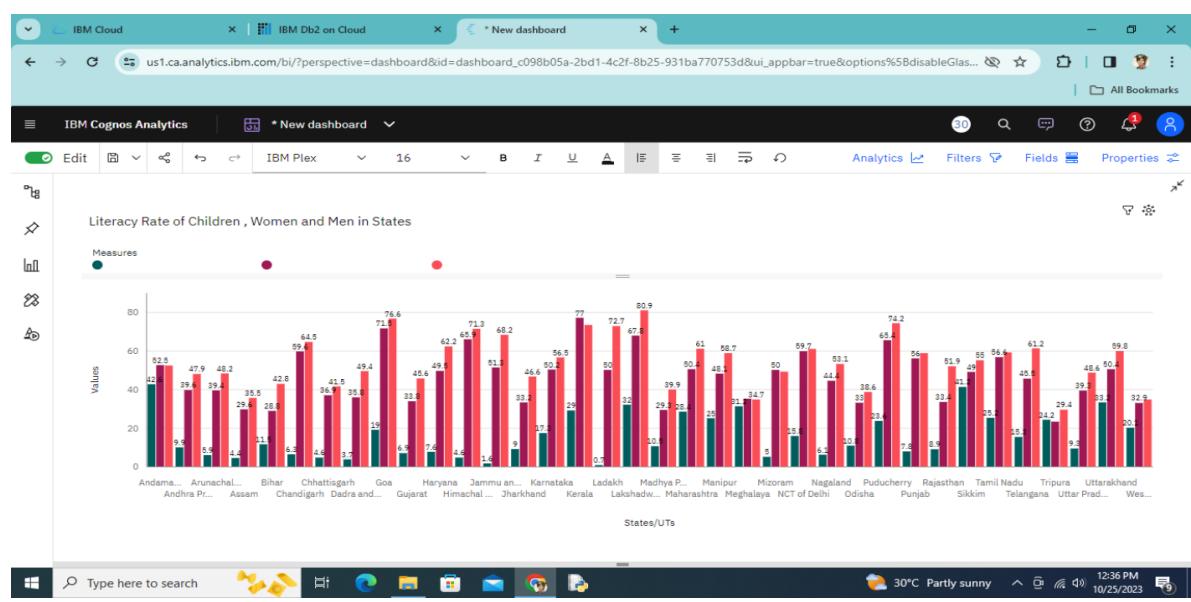
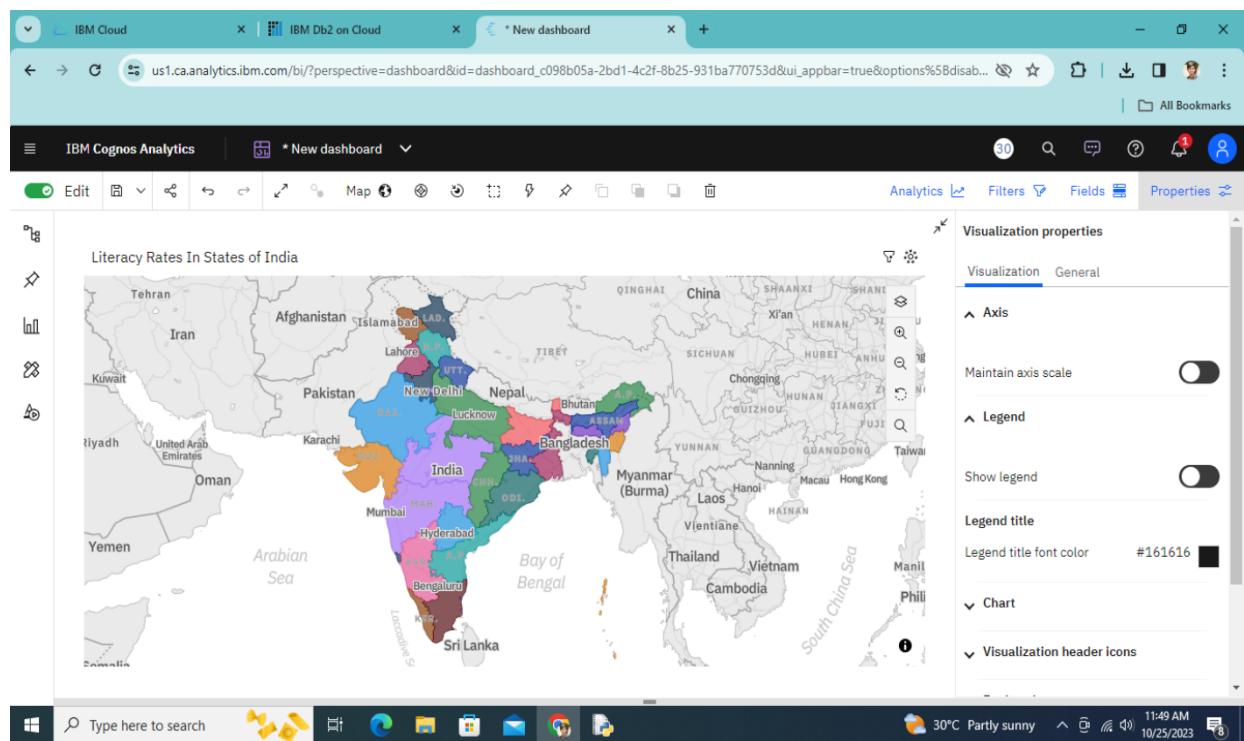
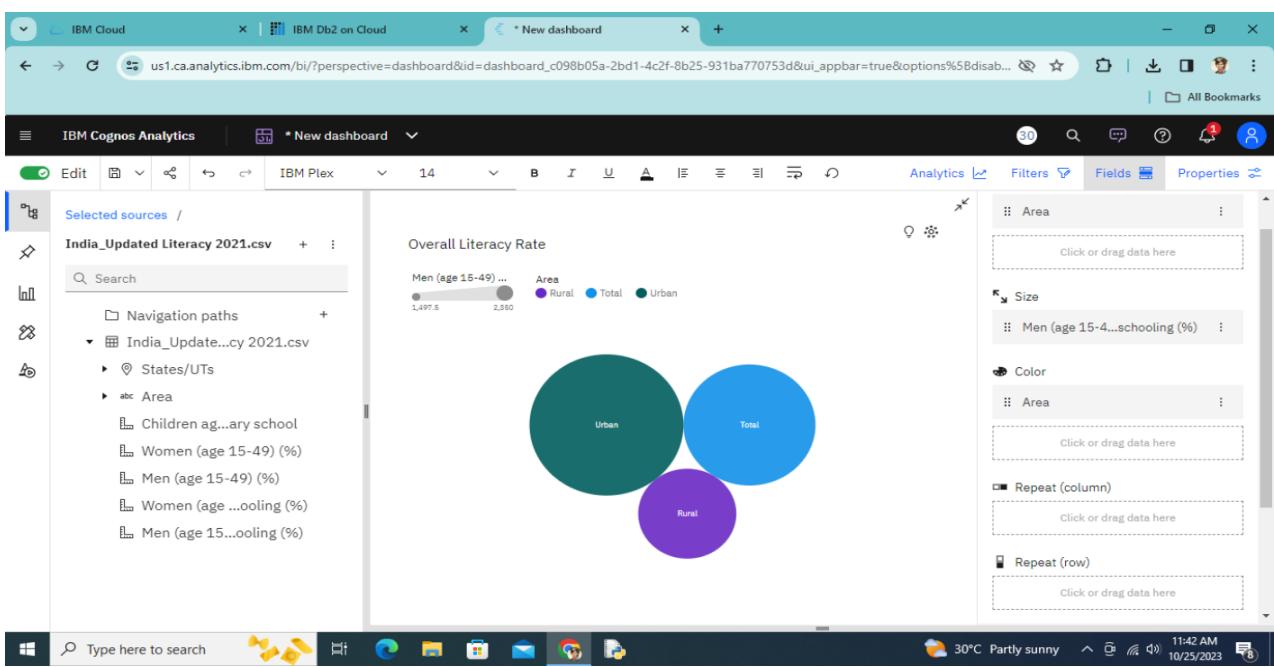
Category	Value
Men (age 15-49) ...	2,350
Area	1,497.5
Rural	1,497.5
Total	2,350
Urban	852.5

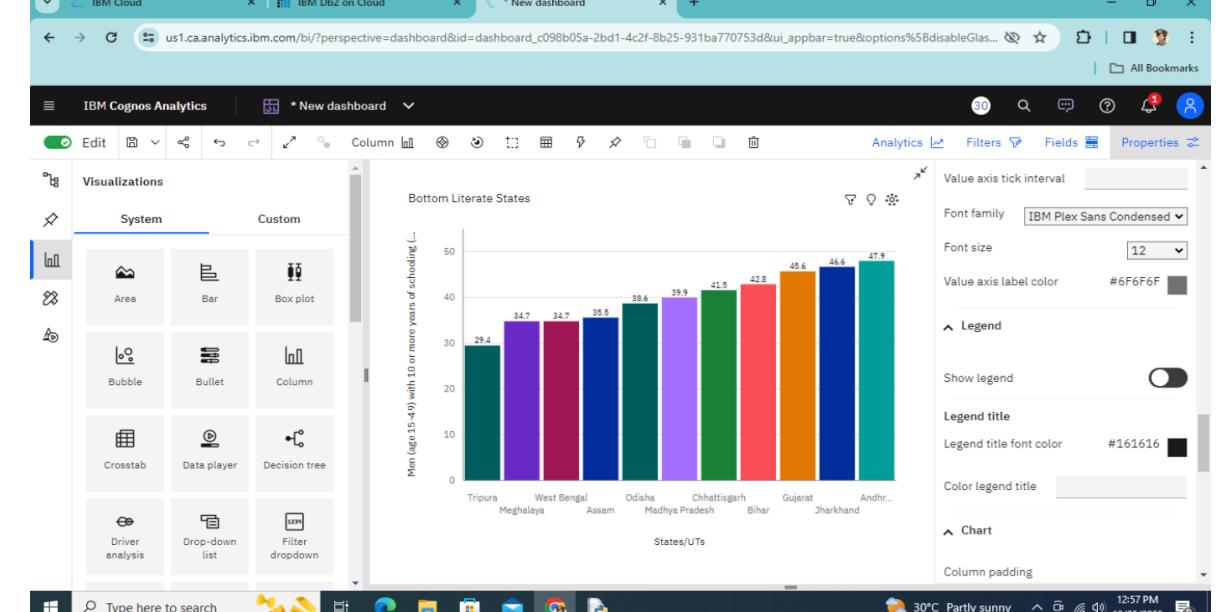
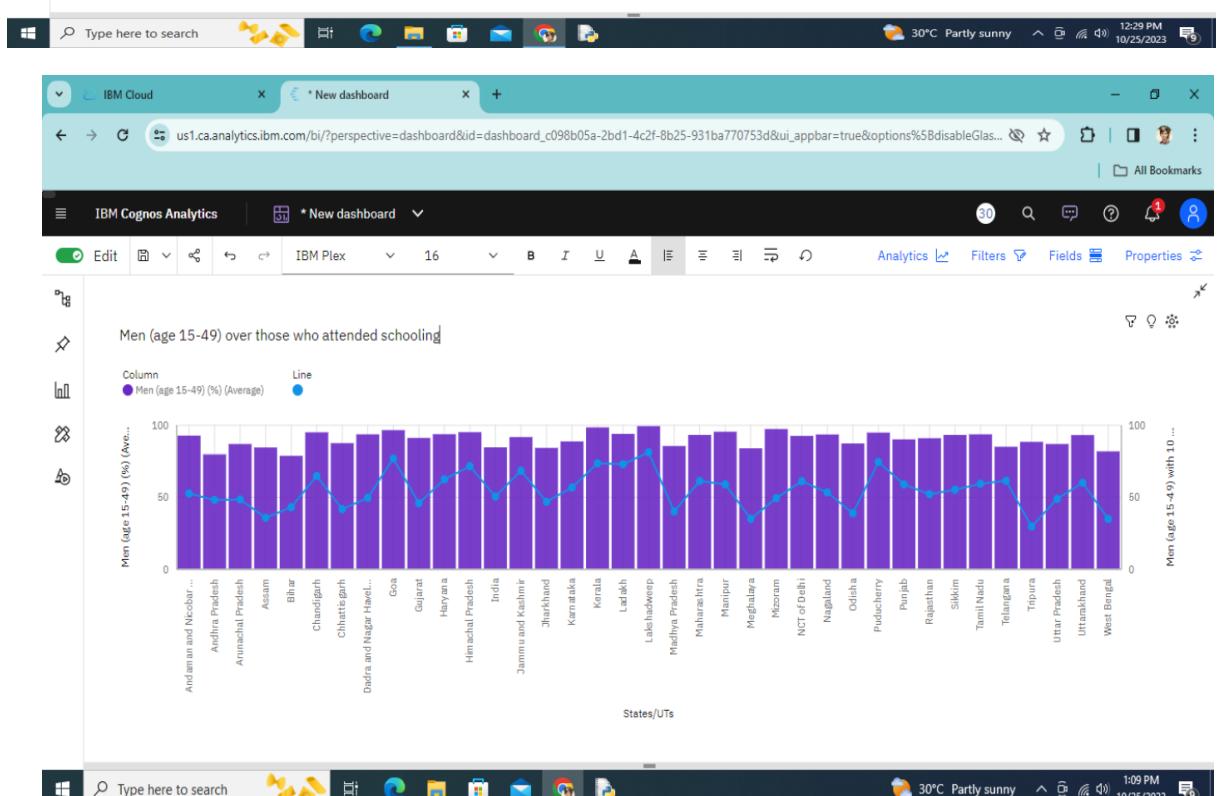
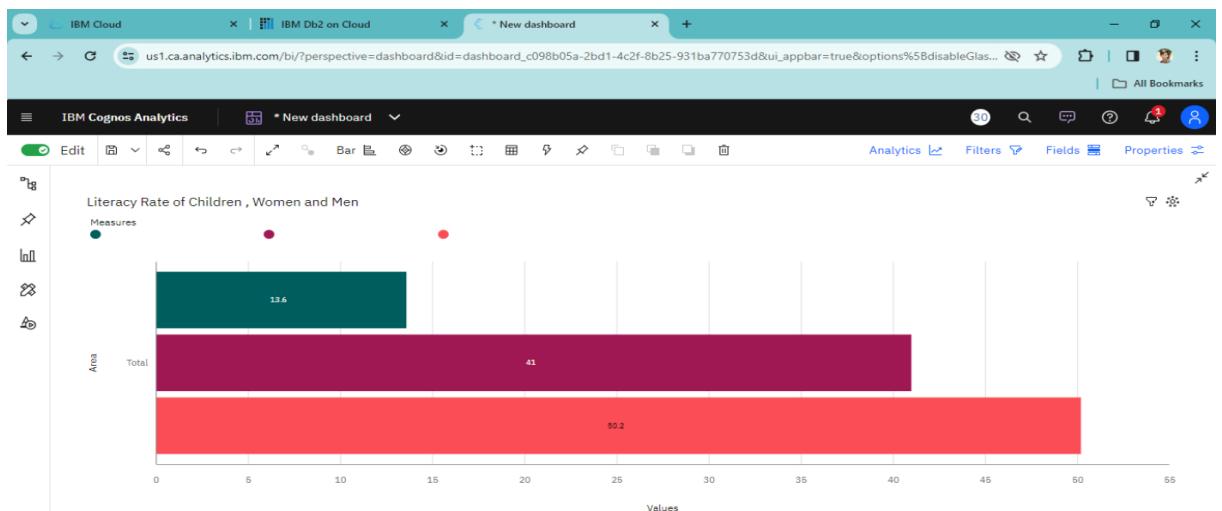




# Descriptive Reports: No of Visualisation is 13







IBM Cloud    \* New dashboard    Google    Modi urges NRIs to invest...    This Is What A Google Auto...

us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard\_c098b05a-2bd1-4c2f-8b25-931ba770753d&options%5BdisableGlassPrefetch%5D=true

### IBM Cognos Analytics

**Tab 1**

Visualizations

System    Custom

Area    Bar    Box plot

Bubble    Bullet    Column

Crosstab    Data player    Decision tree

Driver analysis    Drop-down list    Filter dropdown

Children age 5 years who attended pre-primary school

571.8

Children age 5 years who attended pre-primary school

Women (age 15-49) (%)

79.92

Women (age 15-49) (%)

Women (age 15-49) with 10 or more years of schooling (%)

1.72K

Men (age 15-49) (%)

90.13

Men (age 15-49) (%)

Men (age 15-49) with 10 or more years of schooling (%)

2.01K

Men (age 15-49) with 10 or more years of schooling

30°C Partly sunny    2:15 PM    10/25/2023

