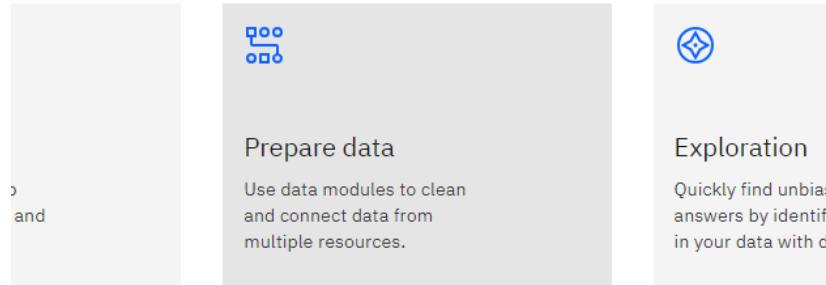


Out Screen Shots

Connect the Data with IBM Cognos Database Connection

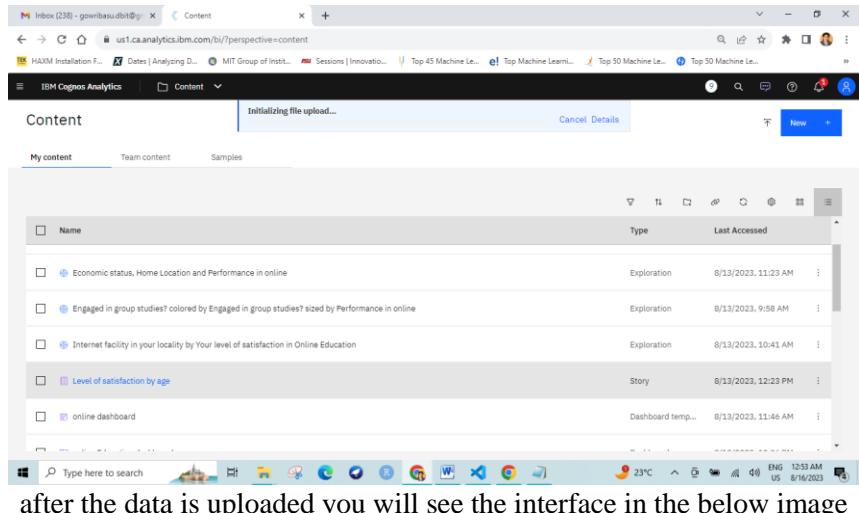
Login to IBM Cognos, Launch IBM Cognos, now go to the **prepare data** section, click on upload option and upload the csv file



This screenshot shows the IBM Cognos Analytics interface. On the left, the navigation pane is open with options like 'New', 'Upload data', 'Content', 'Recent', and 'Manage'. The main area displays a dashboard titled 'online Education dashboard'. It contains two visualizations: a bar chart titled 'Age(Years) by Your level of satisfaction in Online Education' and a pie chart titled 'Time spent on social media (Hours) by Device type used to attend classes'. The device types are categorized as Desktop, Mobile, and Laptop.

This screenshot shows the IBM Cognos Analytics interface with a file upload dialog box overlaid. The dialog box shows a file named 'ML_Ebook.csv' selected for upload. In the background, the same dashboard as the previous screenshot is visible, featuring the 'Age(Years) by Your level of satisfaction in Online Education' chart and the 'Time spent on social media (Hours) by Device type used to attend classes' pie chart.

The below image shows that data file is being uploaded



after the data is uploaded you will see the interface in the below image

3. Data Preparation

Once you upload the data into the data module, you will encounter the interface shown in the below image

Remember to save this data in 'My content' section

The screenshot shows the IBM Cognos Analytics with Watson interface. At the top, there's a toolbar with various icons. Below it is a navigation bar with the title 'IBM Cognos Analytics with Watson' and a dropdown menu. The main area is titled 'Data module' and contains a search bar. A tree view on the left lists data fields from a file named 'online_education'. A red box highlights the 'Save' button in the top left corner of the main pane.

This screenshot shows a 'Save as' dialog box overlaid on the IBM Cognos Analytics interface. The dialog has a title 'Save as' and a 'Name' field containing 'ONLINE EDUCATION SYSTEM REVIEW'. Below it, a 'Selected destination' dropdown is set to 'My content'. The main area lists several items under 'My content', including 'Average marks scored before pandemic in traditional classroom', 'Exploration', '8/13/2023, 10:40 AM'; 'Column Chart level vs age', 'Exploration', '8/13/2023, 9:24 AM'; 'Economic status, Home Location and Performance in online', 'Exploration', '8/13/2023, 11:23 AM'; and 'Engaged in group studies? colored by Engaged in group studies? sized...', 'Exploration', '8/13/2023, 9:58 AM'. At the bottom right of the dialog is a 'Save' button.

To preview the data, double click on any of the data fields

This screenshot shows the IBM Cognos Analytics interface again. The title bar says 'ONLINE EDUCATION ... REVIEW'. The top navigation bar has tabs for 'Grid', 'Relationships', and 'Custom tables', with 'Grid' being the active tab (indicated by a red box). The main pane displays a 'Preview data' section with a circular icon showing a grid and a checkmark. Below it is a text instruction: 'To preview data, select a table, a column in a table, or a folder that contains columns.'

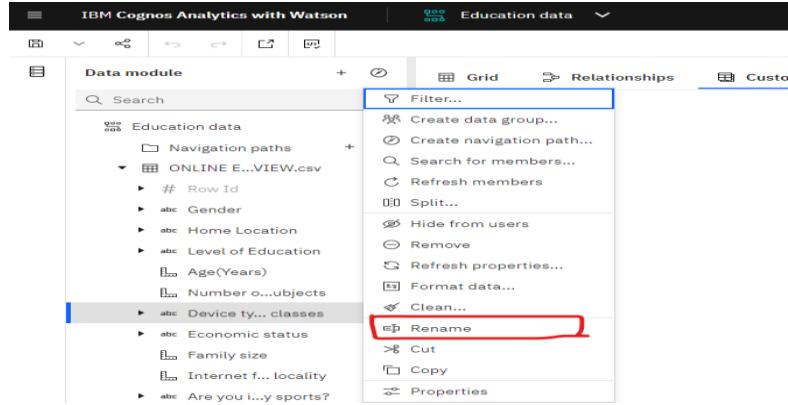
If you want to rename any field, click on the ‘three dots’ at the right side of the field

T1	Row Id	Gender	Home Location	Level of Education	Age(Years)	Number of Subjects	Device type...n
1	Male	Urban	Under Graduate	18	11	Laptop	
2	Male	Urban	Under Graduate	19	7	Laptop	
3	Male	Rural	Under Graduate	18	5	Laptop	
4	Male	Urban	Under Graduate	18	6	Laptop	
5	Male	Rural	Under Graduate	18	5	Laptop	
6	Male	Urban	Under Graduate	18	5	Laptop	
7	Male	Urban	Under Graduate	19	5	Laptop	
8	Male	Urban	Under Graduate	17	4	Laptop	
9	Female	Urban	Under Graduate	19	5	Laptop	
10	Female	Rural	Under Graduate	20	9	Laptop	
11	Female	Urban	Under Graduate	18	4	Desktop	
12	Male	Rural	Post Graduate	25	5	Mobile	

If you want to rename any field, click on the ‘three dots’ at the right side of the field

If you want to rename any field, click on the ‘three dots’ at the right side of the field

The screenshot shows the Data module tree view. A tooltip at the bottom right of the tree view says 'If you want to rename any field, click on the 'three dots' at the right side of the field'. The tree view lists various fields: Row Id, Gender, Home Location, Level of Education, Age(Years), Number of Subjects, Device type... classes, Economic status, Family size, Internet f... locality, and Are you i... sports?. The 'Device type... classes' node has a red box drawn around its three-dot ellipsis icon.



If you want to change the ‘aggregation’ of any of the fields , click on the field for which you want to change the aggregation and then go to the properties option at the top right side of the screen

A screenshot of the IBM Cognos Analytics interface. The left pane shows a data module with various fields. The right pane displays a table with data. A context menu is open over the 'Study time (Hours)' field in the table. The properties panel on the right is visible, showing the 'General' tab selected. Under the 'Aggregate' section, the dropdown menu is open, showing options like 'None', 'Average', 'Count', 'Count Distinct', 'Maximum', 'Minimum', and 'Total'. The 'Count Distinct' option is highlighted with a red box.

Then select the type of aggregation you want to apply on that field

A screenshot of the IBM Cognos Analytics interface. The left pane shows a data module with various fields. The right pane displays a table with data. A context menu is open over the 'Sleep' field in the table. The properties panel on the right is visible, showing the 'General' tab selected. Under the 'Aggregate' section, the dropdown menu is open, showing the 'Count Distinct' option selected (highlighted with a blue box).

Note:- Data Preparation is not limited to this only it depends on your data, we have performed some basic operations on the data.

4. Data Visualization

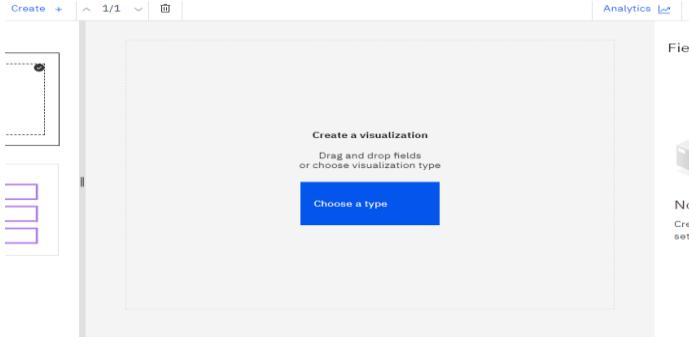
Activity 1.1: Column Chart:

A Column chart can compare the data across different categories. The height of the bars represents the measured value of each category. It can be represented as vertical and horizontal type bar charts. The procedure to create a bar chart is given as follows.

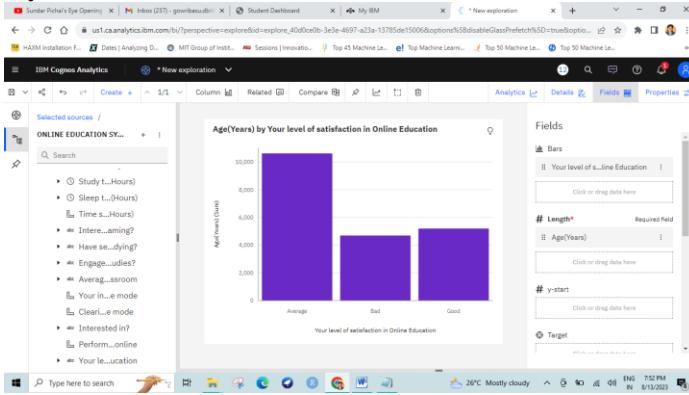
Note: Before creating our first visualization, click on explorations and select the data from ‘ My Content’ and then select ‘Add’ you will be redirected to the exploration interface, then click on create and select ‘single visualization’ and then choose the visualization type

The screenshot shows the IBM Cognos Analytics interface. At the top, there are three main navigation icons: 'Exploration' (with a magnifying glass icon), 'Pres' (with a presentation icon), and 'Create multi-dashb...' (with a dashboard icon). Below these, a central panel titled 'Exploration' contains the text: 'Quickly find unbiased answers by identifying trends in your data with data explor...' and a small blue circular icon. On the left, a sidebar titled 'Selected sources / ONLINE EDUCATION' lists various data sources like 'Study & Sleep', 'Time & Interest', 'Engage', 'Average', 'Your Interests', 'Clearing', 'Interest', and 'Performance'. In the center, a modal window titled 'Add a data source to explore' is open, showing a table with three items: 'ONLINE EDUCATION SYSTEM REVIEW.csv' (CSV file, uploaded on 8/13/2023), 'Sample-Superstore.xlsx' (XLSX file, uploaded on 7/26/2023), and 'superstore data module' (Data module, last accessed on 7/26/2023, 9:26 AM). At the bottom of this modal is a 'Cancel' button and an 'Add' button. To the right of the modal, there's a 'Required field' indicator. At the very bottom of the screen, there's a taskbar with various icons and the system clock showing 7:55 PM on 8/13/2023.

The main workspace below the modal shows a 'Starting point' card with the text: 'Select a card Single visualization' and 'Compare visualization'. There are also several other cards visible in the background, such as 'Single visualization', 'Compare visualization', 'Starting point', and 'Single visualization' again. A sidebar on the left has a 'Create +' button and a 'tips' section with three purple square icons.



- Drag ‘Your level of satisfaction with online education’ into Bars
- Drag ‘Age’ into Rows.
- It creates a Bar chart by default.

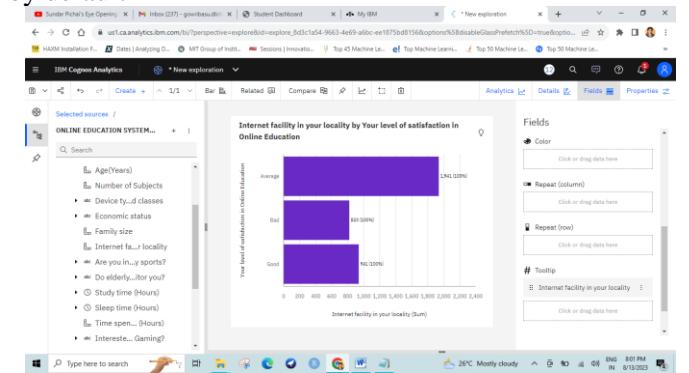


Activity 1.2:Bar Chart:

A bar chart can compare data across different categories. The height of the bars represents the measured value of each category. It can be represented as vertical and horizontal type bar charts. The procedure to create a bar chart is given as follows.

Step 1) Go to a new exploration page by clicking on ‘create +’ option.

- Drag ‘Your level of satisfaction in online education’ into Bars.
- Drag ‘internet facility in your locality’ in length
- It creates a bar chart by default



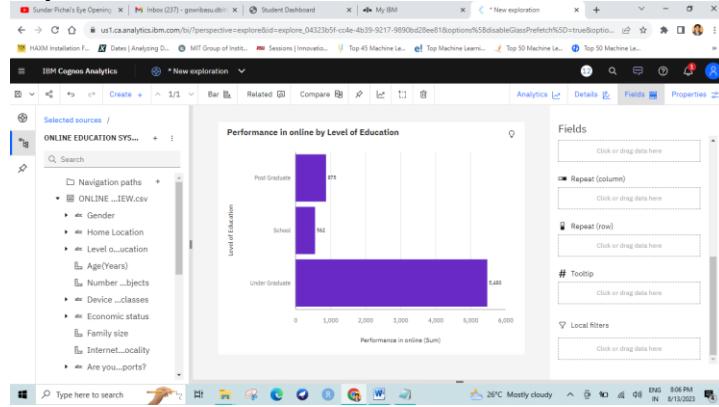
Activity 1.3: Bar chart:

A bar chart can compare data across different categories. The height of the bars represents the measured value of each category. It can be represented as vertical and horizontal type bar charts. The procedure to create a bar chart is given as follows.

Step 1) Go to a new exploration page by clicking on ‘create +’ option.

- Drag ‘Level of Education’ into Bars
- Drag ‘Performance in online’ in length

- It creates a Bar chart by default.

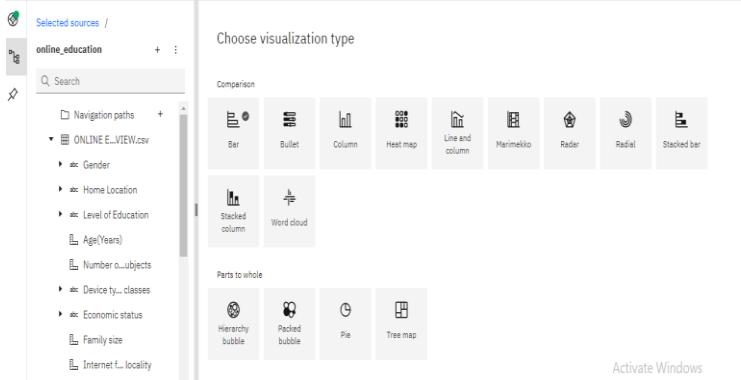


Activity 1.4: Pie Chart:

A pie chart can show the segment-wise data. It can show the contribution of measure over different members in a dimension. The angle of the pie determines the measured value. Different colors can be assigned to pie to represent the members in a dimension.

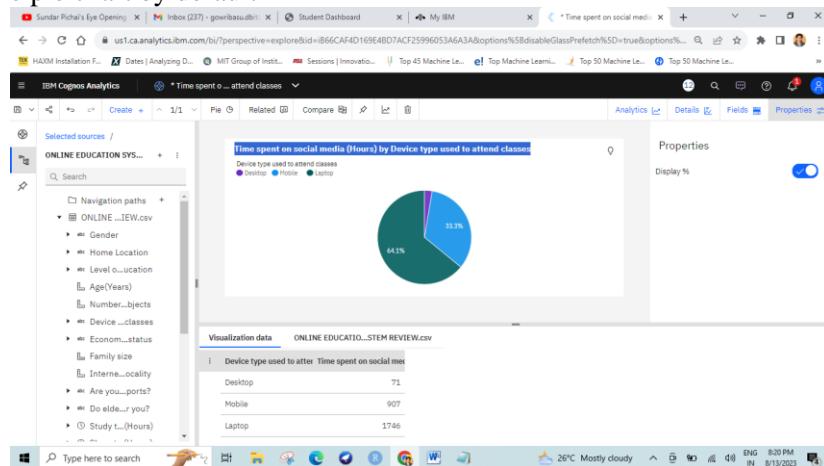
Step 1) Go to a new exploration page by clicking on 'create +' option.

- Select pie chart after clicking on 'create +' option



Step 2) Drag Device type used to attend online classes' in segment field and drag 'Time spent on social media (hours)' in size field

- You will get the pie chart by default

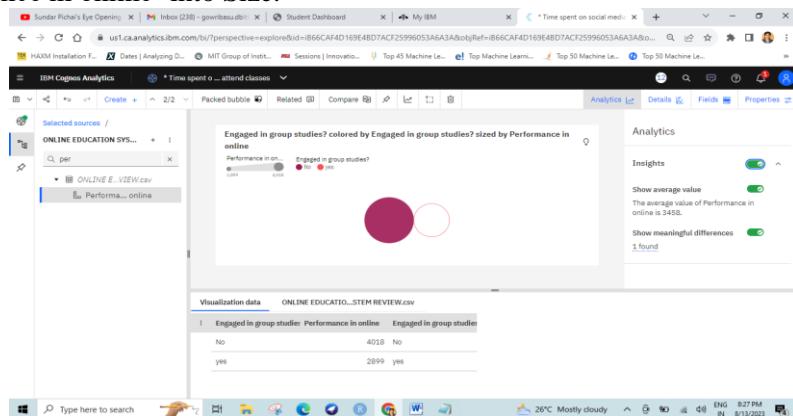


Activity 1.5: Packed Bubble:

The packed bubble charts are used to display data in a cluster of circles. Dimensions define the individual bubbles, and measures define the size and color of the individual circles.

Step 1) Go to a new exploration page by clicking on ‘create +’ option. and from that select the ‘packed bubbles’ chart

- Drag ‘Engaged in group studies’ into Bubbles and color.
- Drag ‘Performance in online’ into Size.



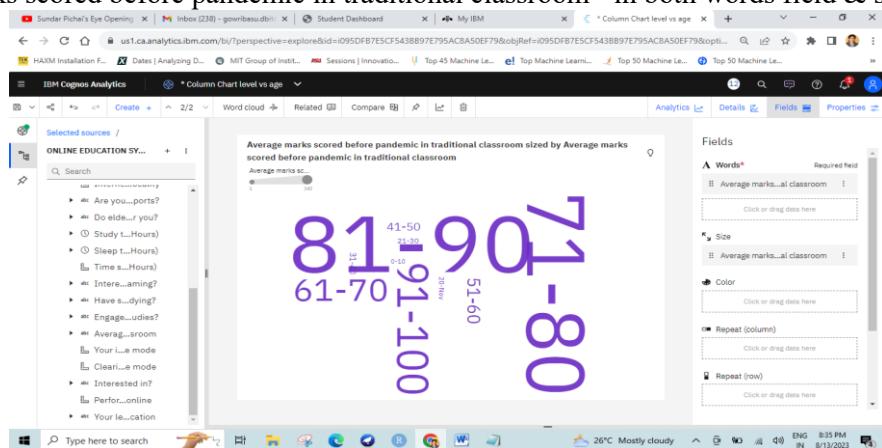
This creates a Packed bubble chart by default.

Activity 1.6: Word Cloud:

A word clouds or tag clouds are graphical representations of word frequency that give greater prominence to words that appear more frequently in a source text

Step 1) Go to a new exploration page by clicking on ‘create +’ option. and from that select the ‘word count’ chart

Drag ‘Average marks scored before pandemic in traditional classroom’ in both words field & size field

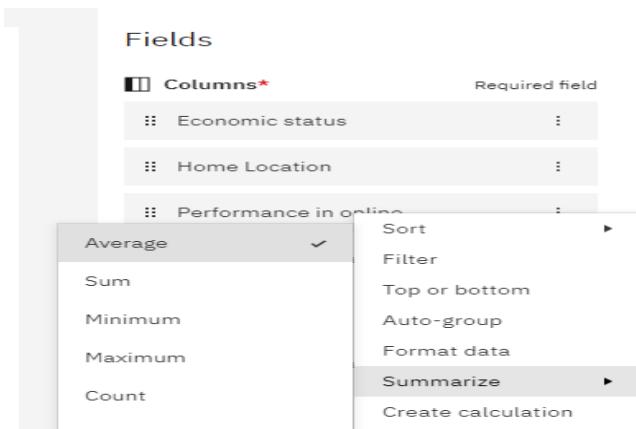


Activity 1.7:Table

A Table visualizes the measure & dimensions (data fields) in the form of rows and columns. It is better to use tables when the categories in the data field are limited

Step 1) Go to a new exploration page by clicking on ‘create +’ option. and from that select the “Table”

- Drag ‘Economic status’ , ‘Home Location’ & ‘Performance in online’ in columns
- after that click the ‘three dots’ in the ‘performance in online’ field and click on ‘summarize’ option and then select ‘average’



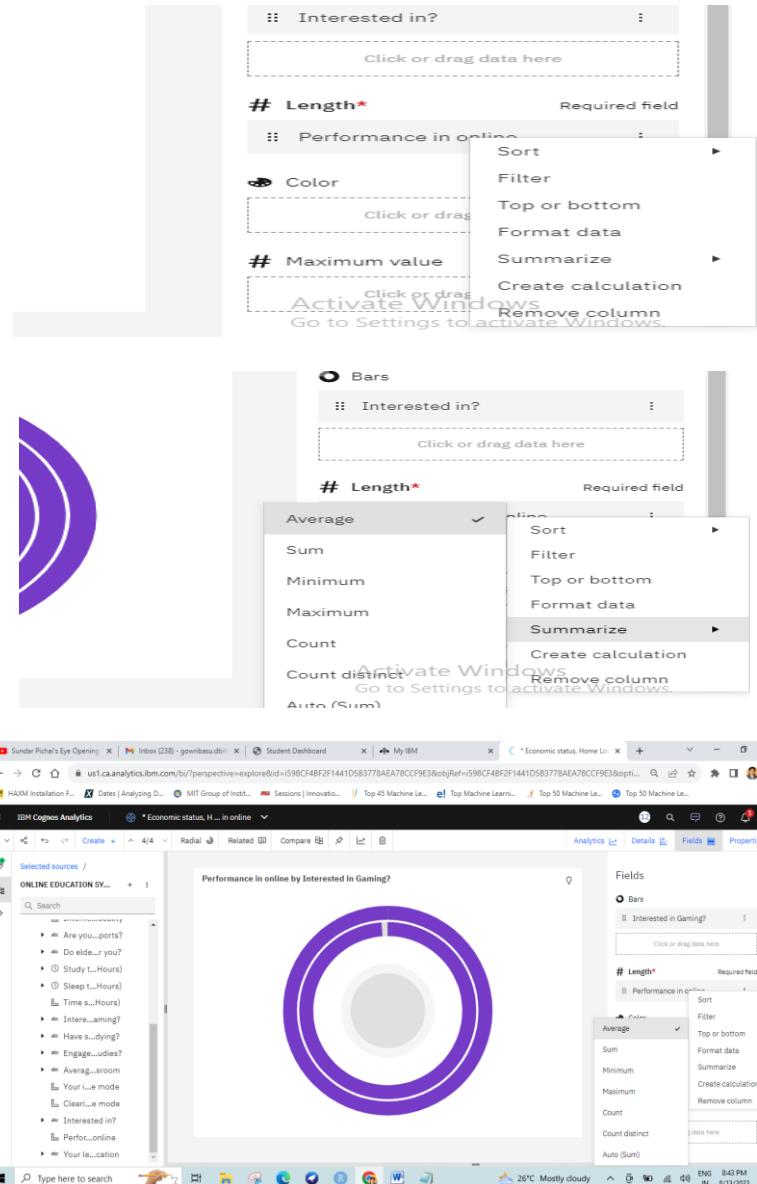
Economic status	Home Location	Performance in online
Middle Class	Rural	6.72
Middle Class	Urban	6.68
Summary		6.70
Poor	Rural	6.49
Poor	Urban	6.07
Summary		6.28
Poor	Rural	6.49
Summary		6.71
Rich	Urban	7.11
Summary		7.11
Summary		6.70

Activity 1.8: Radial Chart:

A Radial/Circular Bar Chart simply refers to a typical Bar Chart displayed on a polar coordinate system, instead of a cartesian system. It is used to show comparisons among categories by using a circular shape.

Step 1) Go to a new exploration page by clicking on ‘create +’ option. and from that select the ‘Radial’
The procedure to create a radial chart is shown below.

- Drag ‘interested in ?’ in bars field
- Drag ‘performance’ in online in length field
- after that click the ‘three dots’ in the length field and click on ‘summarize’ option and then select ‘average’



5. Dashboard

A dashboard is a graphical user interface (GUI) that displays information and data in an organized, easy-to-read format. Dashboards are often used to provide real-time monitoring and analysis of data, and are typically designed for a specific purpose or use case. Dashboards can be used in a variety of settings, such as business, finance, manufacturing, healthcare, and many other industries. They can be used to track key performance indicators (KPIs), monitor performance metrics, and display data in the form of charts, graphs, and tables.

Responsiveness and Design Of Dashboard

The responsiveness and design of a dashboard for online education review data is crucial to ensure that the information is easily understandable and actionable. Key considerations for designing a responsive and effective dashboard include user-centered design, clear and concise information, interactivity, data-driven approach, accessibility, customization, and security. The goal is to create a dashboard that is user-friendly, interactive, and data-driven.

Create a dashboard: Once you have created the explorations, you can create a dashboard by clicking the "present data" option & selecting the dashboard. You can drag the visualizations from the 'pin' option present at the left side of the screen.

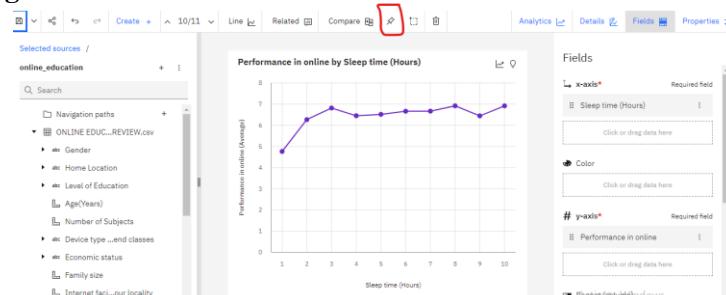
The screenshot shows the IBM Cognos Analytics with Watson interface. At the top, there are two buttons: 'Watch video' and 'Take a product tour'. Below the top navigation bar, there is a 'Quick launch' section with four cards:

- Upload data**: Upload or drag and drop spreadsheets, csv files, and other data sources.
- Prepare data**: Use data modules to clean and connect data from multiple resources.
- Exploration**: Quickly find unbiased answers by identifying trends in your data with data explorer...
- Present data**: Create sophisticated, multi-page, multi-query dashboards, reports, or sto...

A red box highlights the 'Present data' card. Below this, there is a larger window titled 'Present data' with the sub-instruction 'Start by choosing what you want to create.' It contains three options:

- Dashboard**: View automatically updated data with interactive charts, graphs and tables.
- Report**: Create and distribute customizable reports for personalized consumption.
- Story**: Build a visual narrative to communicate the meaningful context of your data journey.

NOTE : whenever you create a visualizations in ‘explorations’ , make sure to pin them, after pinning the visualization you can drag them on to the dashboard



IBM Cognos Analytics with Watson

online_edu_

My pins All

Search

22 pins

Performance in online (ours) line chart
online_edu_exp, 6/10/2023, 7:17 AM

Performance in online (ours) line chart
online_edu_exp, 6/10/2023, 7:13 AM

Dashboard

we have created 3 'Tabs' in dashboard

IBM Cognos Analytics

Tab 1 Tab 2 Tab 3

Engaged in group studies colored by Engaged in group studies?

Age(Years) by Your level of satisfaction in Online Education

Average marks scored before pandemic in traditional classroom sized by Average marks scored before pandemic in traditional classroom

Time spent on social media (Hours) by Device type used to attend classes

No visualization selected

Select a visualization with analytics support to view and manage the analytics settings.

IBM Cognos Analytics

Tab 1 Tab 2 Tab 3

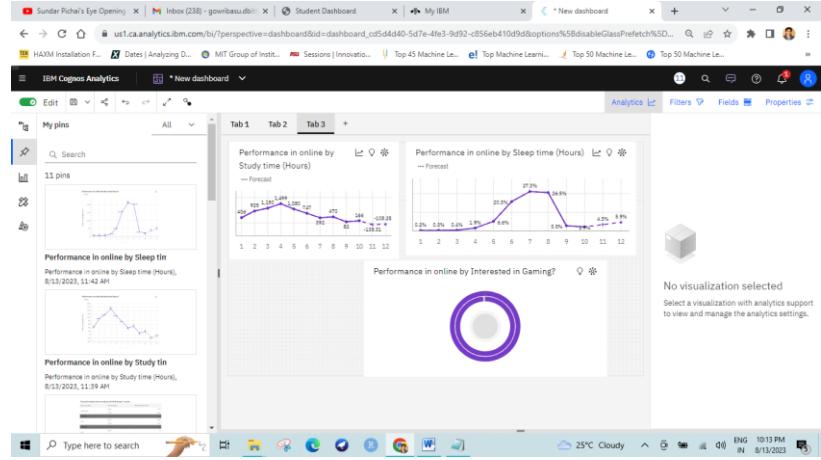
Economic status, Home Location and Performance in online

Engaged in group studies colored by Engaged in group studies? sized by Performance in online

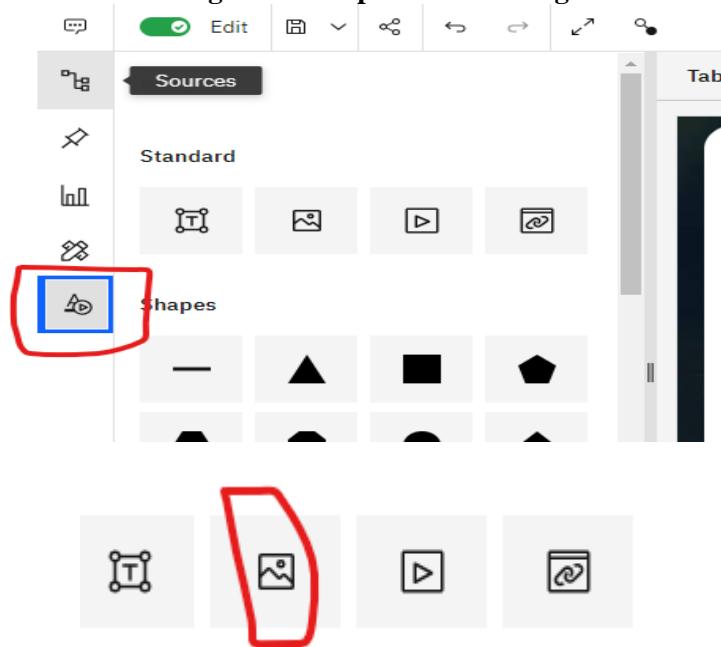
Performance in online by Level of Education

No visualization selected

Select a visualization with analytics support to view and manage the analytics settings.



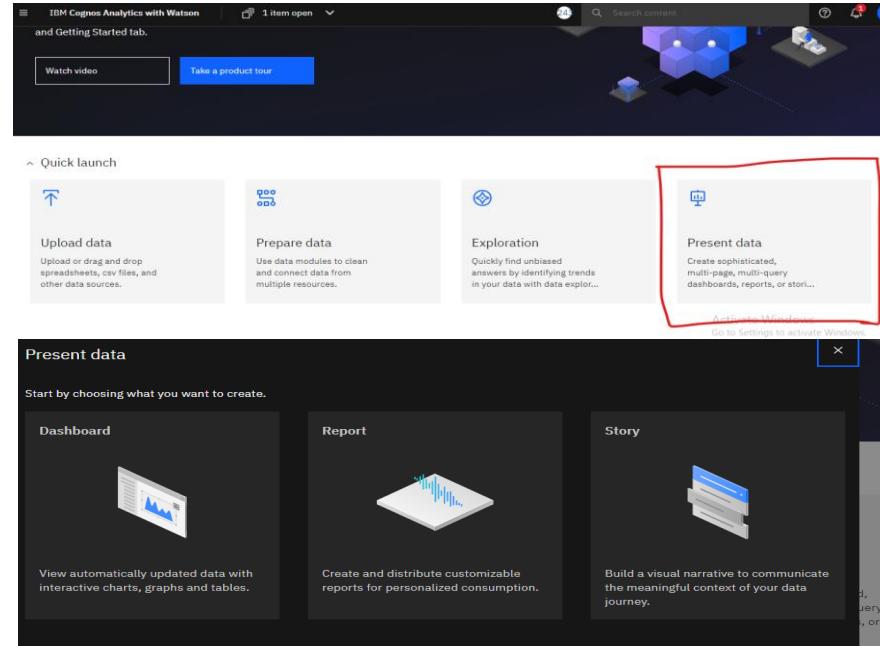
NOTE: If you want to change to add a background image to the dashboard, click on the widgets option at the left side of the screen and click on the image icon and provide the image address



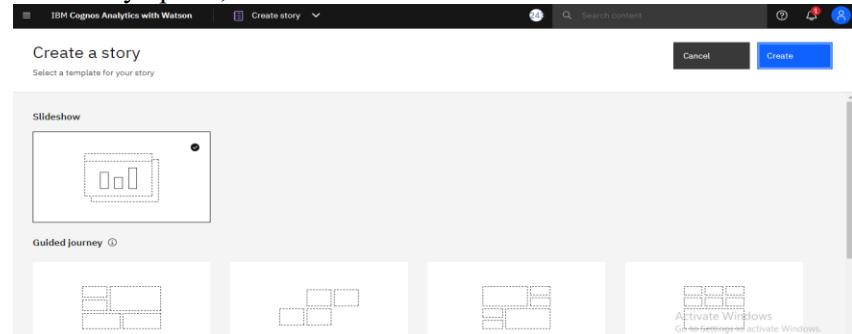
6. Story

A data story is a way of presenting data and analysis in a narrative format, with the goal of making the information more engaging and easier to understand. A data story typically includes a clear introduction that sets the stage and explains the context for the data, a body that presents the data and analysis in a logical and systematic way, and a conclusion that summarizes the key findings and highlights their implications. Data stories can be told using a variety of mediums, such as reports, presentations, interactive visualizations, and videos.

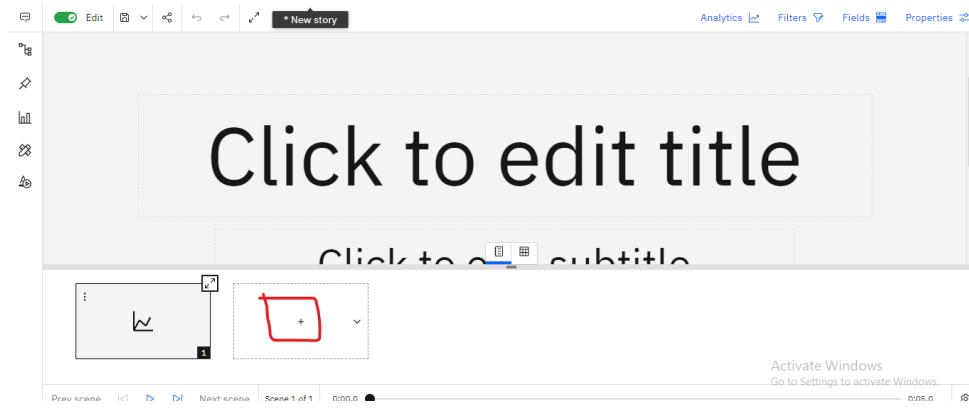
Organize your story: Once you have created the explorations/visualizations, you can create a story by clicking the "present data" option & selecting the story



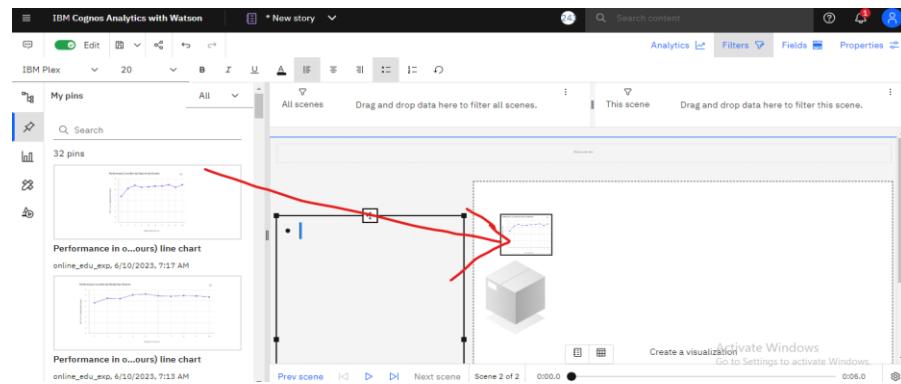
Once you have selected the story option, choose the slideshow and click on 'create'



click on the '+' symbol to add scenes in the story



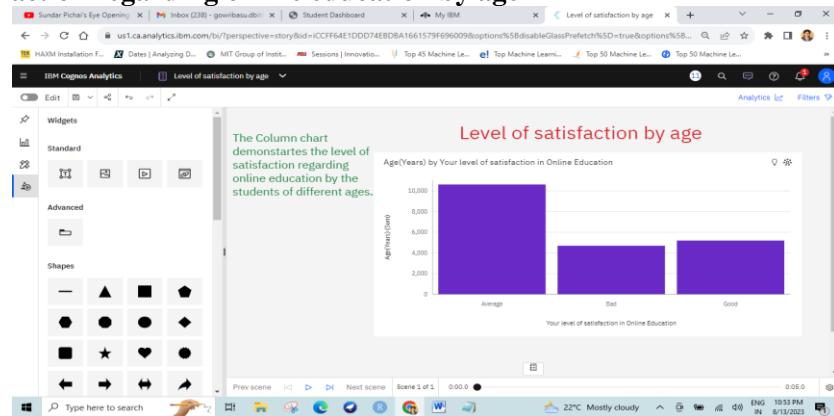
drag the pinned visualizations to the storyboard to create a scene in the story



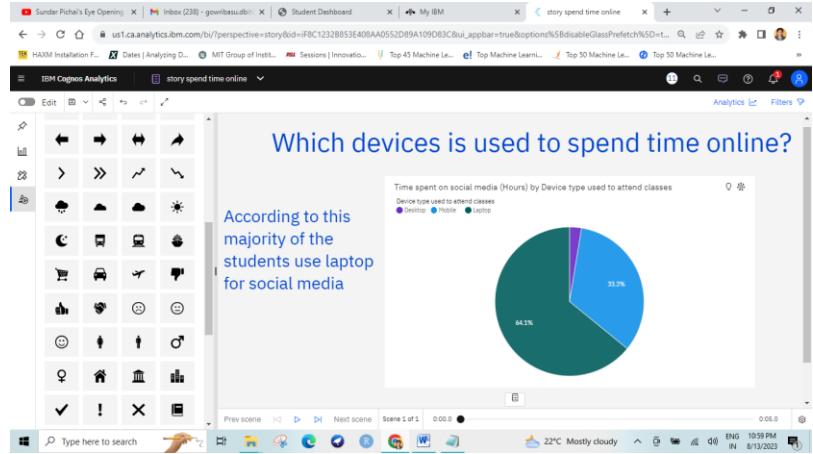
No Of Scenes Of Story

The number of scenes in a storyboard for a data visualization analysis of the performance and efficiency of online education will depend on the complexity of the analysis and the specific insights that are trying to be conveyed. A storyboard is a visual representation of the data analysis process and it breaks down the analysis into a series of steps or scenes.

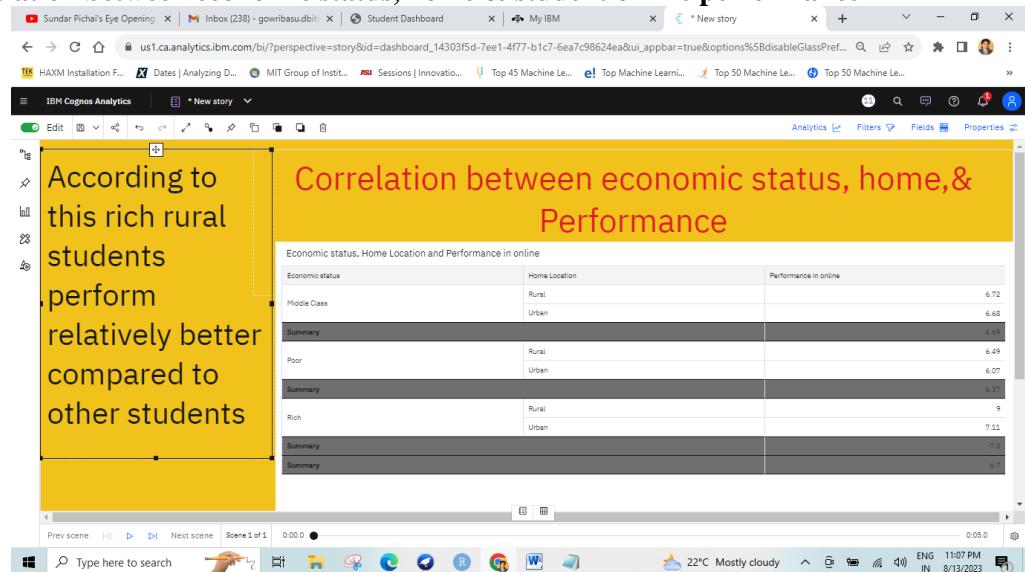
- **Level of satisfaction regarding online education by age**



- **Time spent on social media with different devices**

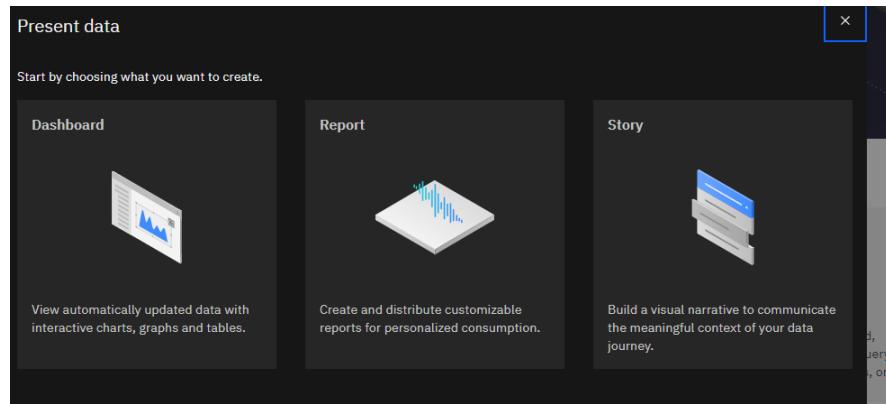
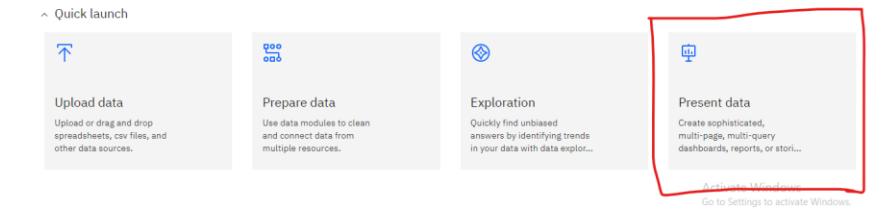
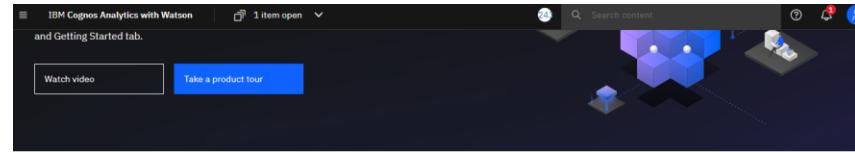


- **Correlation between economic status, home & student online performance**

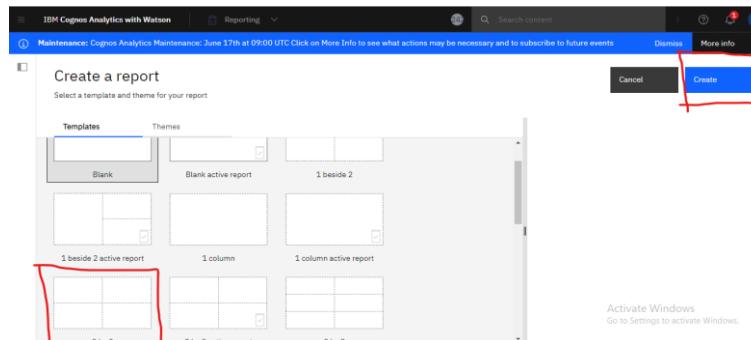


7. Report

Organize your report: You can create a story by clicking the "present data" option & selecting the report from that



after selecting the 'report' , choose the 2 by 2 template and click on create



select the data source by clicking on 'Select a source +' option and start building the report

The screenshot shows the IBM Cognos Analytics with Watson interface. A report page titled 'Page1' is displayed. On the left, there's an 'Insertable objects' panel with a 'Select a source' section. The main area contains four empty text boxes arranged in a 2x2 grid. The bottom-left box has a date dimension indicator ('Date'). The bottom-right box has a time dimension indicator ('Time'). A context menu is open over the top-right text box, showing options like 'Text item', 'Block', 'Table', 'List', 'Crosstab', and 'Visualization'. The status bar at the bottom right says 'Activate Windows Go to Settings to activate Windows.'

Creating A Report

We have created four visualizations in the report

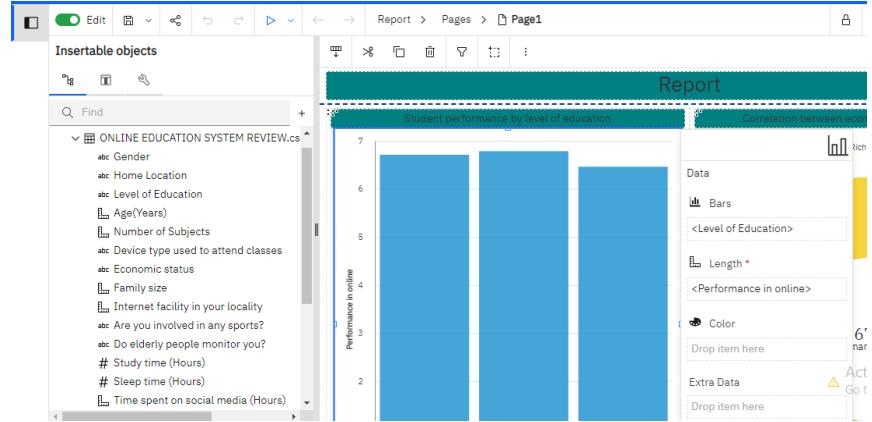
To create a bar chart click on the '+' symbol in the first box and select 'visualizations option'

The screenshot shows the visualization gallery in IBM Cognos Analytics. A context menu is open over the first text box in the report layout, listing options like 'Text item', 'Block', 'Table', 'List', 'Crosstab', and 'Visualization'. The 'Visualization' option is selected, opening the visualization gallery window. This window displays various chart types: Area, Box plot, Bubble, Bullet, Clustered bar, Clustered column, Clustered combination, and Donut. The 'Clustered column' option is highlighted. The status bar at the bottom right says 'Activate Windows Go to Settings to activate Windows.'

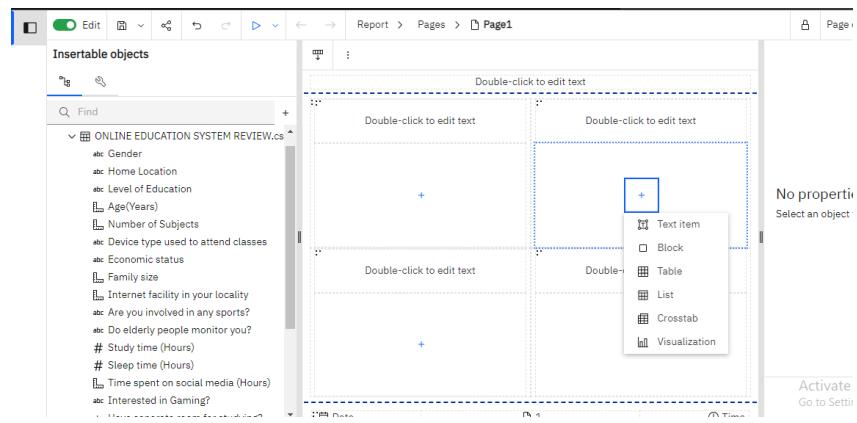
after that select the 'clustered column' option

The screenshot shows the visualization gallery window from the previous step. The 'Clustered column' option is selected and highlighted with a blue border. The status bar at the bottom right says 'Activate Windows Go to Settings to activate Windows.'

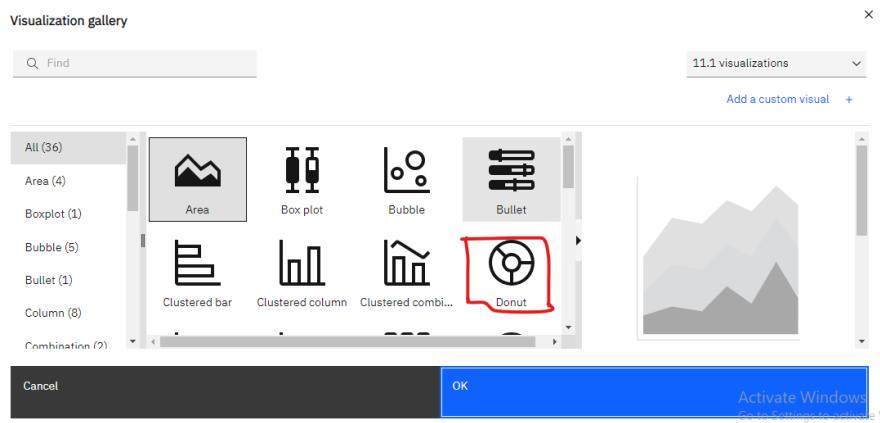
drag 'level of education' in bars and 'performance in online' in length



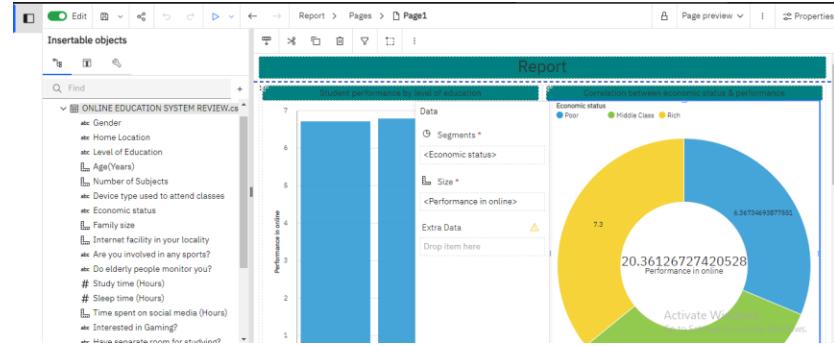
To create the second visualization (donut chart), click on ‘+’ in the second box



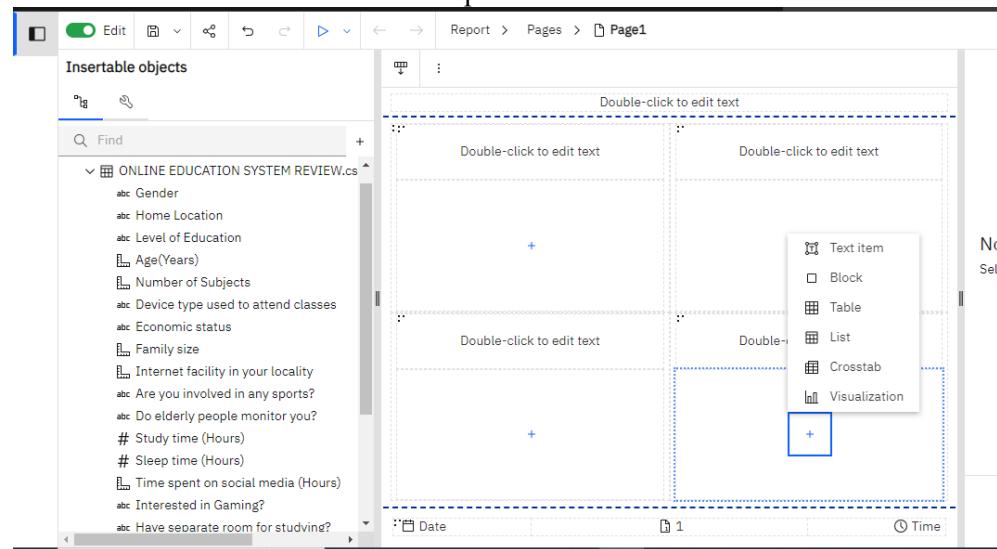
and click on ‘visualization’ option and from that select the donut chart



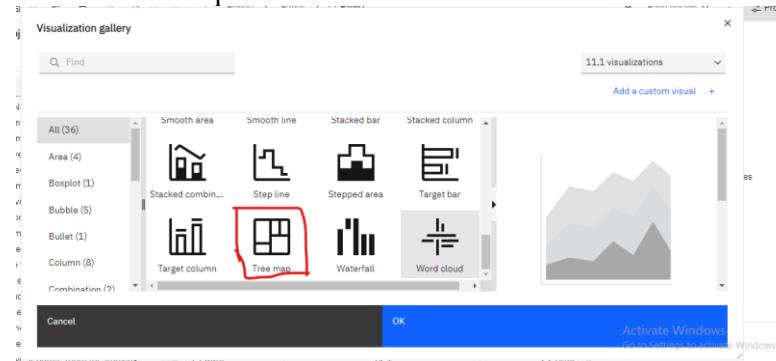
drag ‘economic status’ into segments and ‘performance in online’ in size



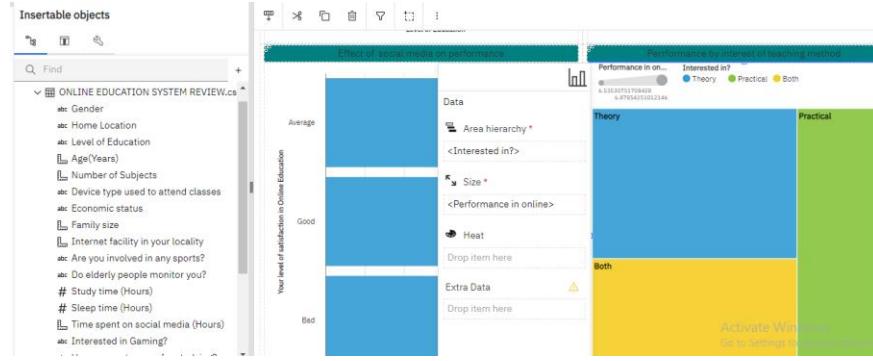
for the fourth visualization click on ‘+’ option in the fourth box and select ‘visualization’



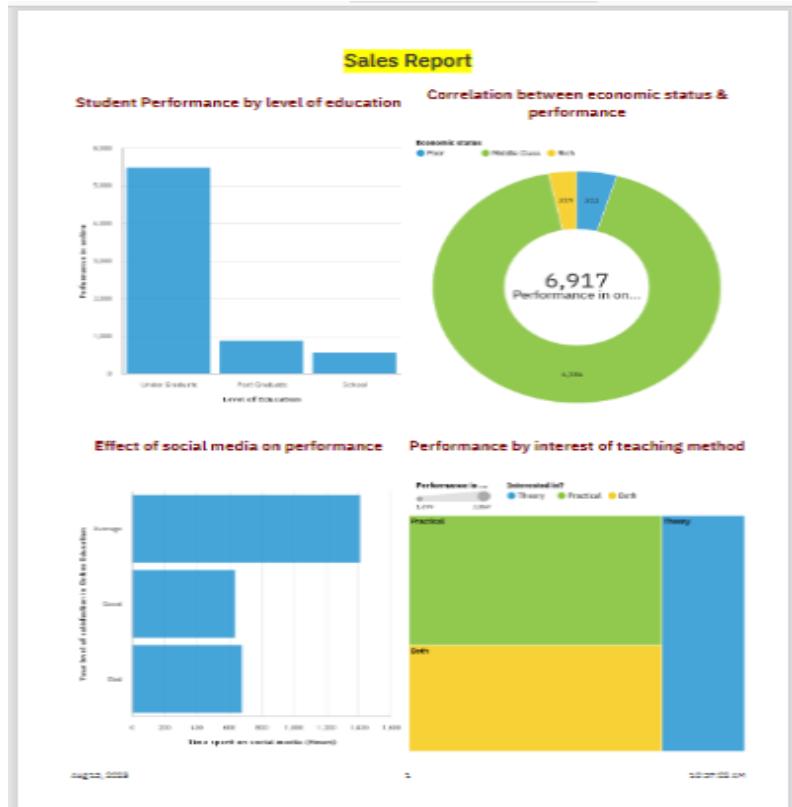
after that scroll down and select ‘Tree map’



drag ‘interested in?’ in area hierarchy and ‘performance in online’ in size fields



this is how the final report looks like

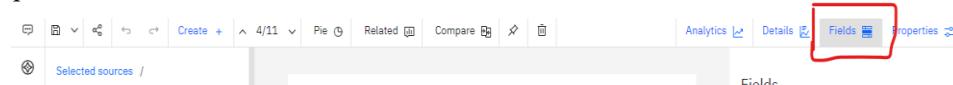


8. Performance Testing

Performance testing is a non-functional software testing technique that determines how the stability, speed, scalability, and responsiveness of an application hold up under a given workload.

Utilization of Data Filters

- Data filters are used to customize our visualization to achieve desired output
- We can apply filters while building visualizations . In explorations, filters are present at bottom of the 'Fields' option



Economic status, Home Location and Performance in online

Economic status	Home Location	Performance in online
Middle Class	Rural	6.72
	Urban	6.68
Summary		6.69
Poor	Rural	6.49
	Urban	6.07
Summary		6.37
Rich	Rural	9
	Urban	7.11
Summary		7.3
Summary		6.7

Fields

Source: ONLINE EDUCATION SYSTEM REVIEW.csv

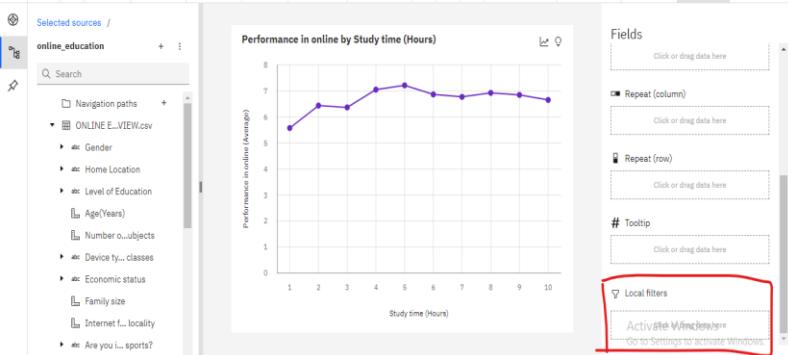
Performance in online
Home Location
Performance in online
Click or drag data here

Local filters

Click or drag data here

Activate Windows

Analytics Details Fields Properties



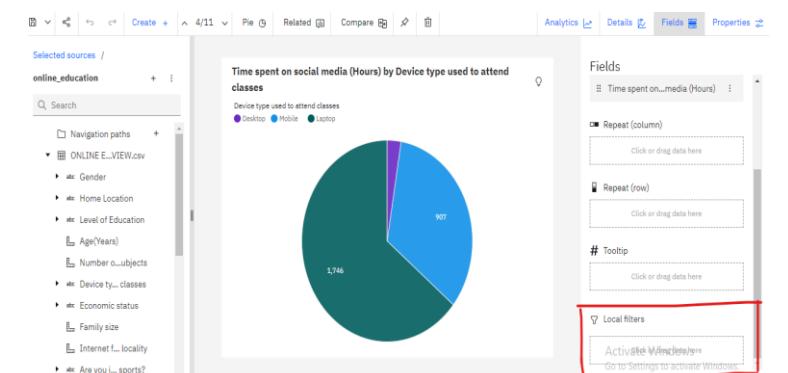
Fields

Click or drag data here
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here

Tooltip

Click or drag data here
Local filters
Activate Windows

Go to Semantic to activate Windows.



Fields

Time spent on...media (Hours)
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here

Tooltip

Click or drag data here
Local filters

Activate Windows

Go to Semantic to activate Windows.

No of Calculation Fields

Insertable objects

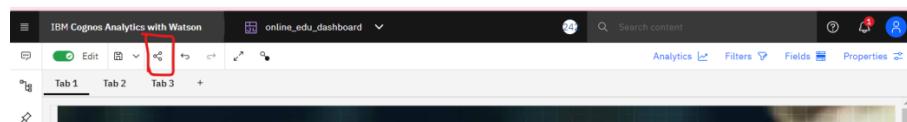
```
graph TD; online_education[online_education] --> ONLINE_EDUCATION_SYSTEM_REVIEW[ONLINE EDUCATION SYSTEM REVIEW.csv]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Gender[Gender]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Home_Location[Home Location]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Level_of_Education[Level of Education]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Age_Years[Age(Years)]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Number_of_Subjects[Number of Subjects]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Device_type[Device type used to attend classes]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Economic_Status[Economic status]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Family_size[Family size]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Internet_facility[Internet facility in your locality]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Sports[Are you involved in any sports?]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Monitor[Do elderly people monitor you?]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Study_time[Study time (Hours)]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Sleep_time[Sleep time (Hours)]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Social_media[Time spent on social media (Hours)]; ONLINE_EDUCATION_SYSTEM_REVIEW --> Gaming[Interested in Gaming?]
```

9. Web Integration

Publishing helps us to track and monitor key performance metrics, to communicate results and progress. help a publisher stay informed, make better decisions, and communicate their performance to others.

Integrating dashboards/stories/reports to web

step 1: Go to dashboard/story/report and click on share button on the top ribbon



go to the 'link' option and copy the embed code

Share

Send

Link

Export

Link:

```
https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fonline_edu_dashboard&action=view&mode=dashboard&subView=model0000188a423099c_00000000
```



Embed code:

Width:

320

Height:

200

```
<iframe src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fonline_edu_dashboard&closeWindowOnLastView=true&ui_appbar=false&ui-navbar=false&shareMode=embedded&app;action=view&mode=dashboard&subView=model0000
```



Dashboard And Story Embed With UI With Flask

Explanation video link: (Reference Video to Embed Dashboard & Story) -

https://drive.google.com/file/d/1n_1q1rDRKH0m8hxmlZB_3nCRjSzKCcGK/view?usp=sharing

Download Flask Application Files - Link

[Online Education](#)

Home Report Dashboard Story Contact Get Started

Unveiling the Virtual Classroom: An In-depth Analysis of the Online Education System

- ✓ Is online education beneficial for students ?
- ✓ Do students perform better when they are learning virtually ?
- ✓ Are students satisfied with online education ?

[Get Started](#)



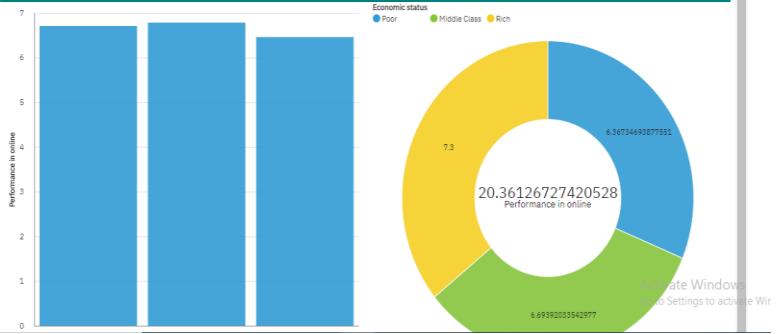
ArtisticMinds

Online Education

Home Report Dashboard Story Contact Get Started

Report

Student performance by level of education Correlation between economic status & performance



Online Education

Home Report Dashboard Story Contact Get Started

Magnam dolores commodi suscipit. Necessitatibus eius consequatur ex aliquid fuga eum quidem. Sit sint consectetur velit. Quisquam quos quisquam cupiditate. Et nemo qui impedit suscipit alias ea. Quia fugiat sit in iste officiis commodi quidem hic quas.

A contact form with fields for 'Your Name', 'Your Email', 'Subject', and a large 'Message' area. Below the message area is a 'Send Message' button. The form includes icons for location, email, and phone.

Our Address
A108 Adam Street, New York, NY 535022

Email Us
Info@example.com
contact@example.com

Call Us
+1 5589 55488 55
+1 6678 254445 41

Activate Windows

Go to Settings to activate Windows

FlexStart Bootstrap Template - In 127.0.0.1:5000/#about

HAXM Installation F... Dates | Analyzing D... MIT Group of Instit... Sessions | Innovatio... Top 45 Machine Le... e! Top Machine Learni... Top 50 Machine Le... Top 50 Machine Le...

Laoreet sit amet cursus sit amet dictum sit amet justo. Mauris vitae ultricies leo integer malesuada nunc vel. Tincidunt eget nullam non nisi est sit amet. Turpis nunc eget lorem dolor sed. Ut venenatis tellus in metus vulputate eu scelerisque. Pellentesque diam volutpat commodo sed egestas egestas fringilla phasellus faucibus. Nibh tellus molestie nunc non blandit massa enim nec.

Correlation between economic status, home,& Performance

According to this rich rural students perform relatively better compared to other students

Correlation between economic status, home,& Performance

Economic status, Home Location and Performance in online

Economic status	Home Location	Performance in online
Middle Class	Rural	6.72
	Urban	6.68
Summary		6.69
Poor	Rural	6.49
	Urban	6.07
Summary		6.37
Rich	Rural	9
	Urban	7.11
Summary		7.3

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