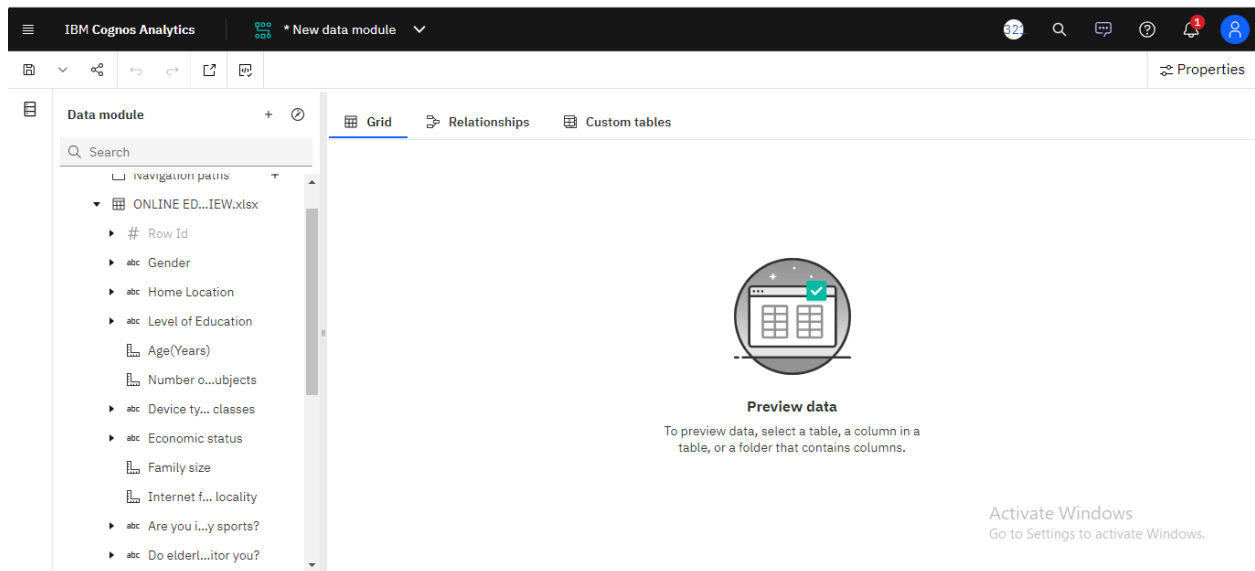
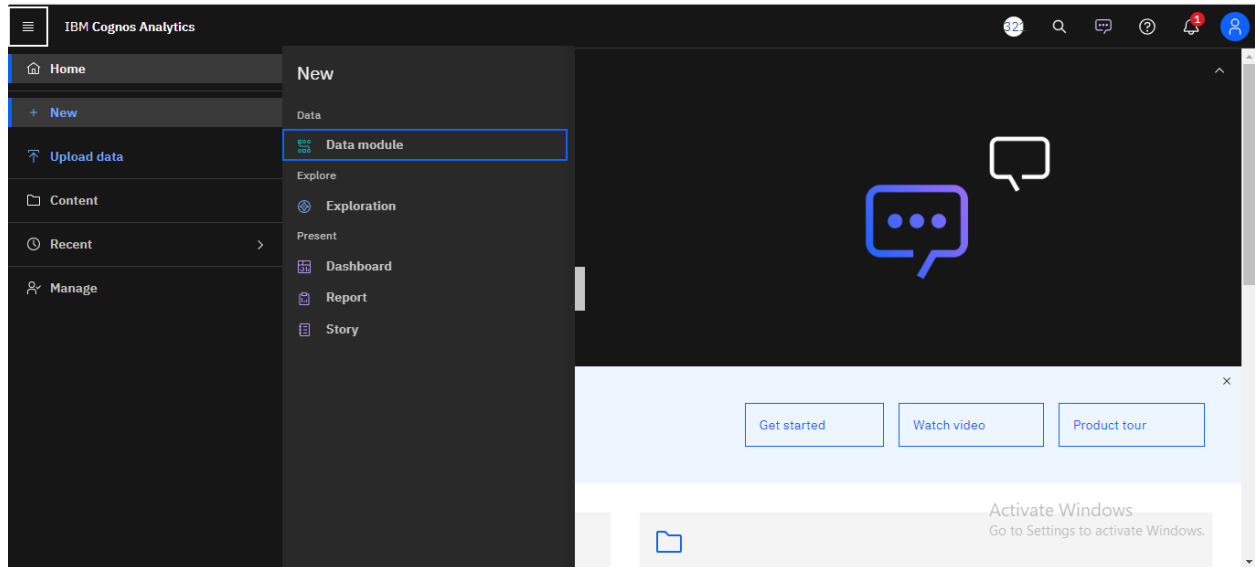


# “Unveiling the Virtual Classroom: An In-depth Analysis of the Online Education System”

## OUTPUT SCREENSHOTS



IBM Cognos Analytics

Content

Maintenance: Cognos Analytics

### Add a data source to explore

My content Team content

Name	Type	Last Accessed
ONLINE EDUCATION SYSTEM REVIEW.xlsx	Uploaded file	9/10/2023, 1:46 AM
Sample-Superstore.xls	Uploaded file	7/26/2023, 8:47 AM
Superstore datamodule	Data module	7/26/2023, 9:41 AM

Cancel Add

Activate Windows  
Go to Settings to activate Windows.

https://us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=if3A705380ADD486D93E52B9F81838111#

IBM Cognos Analytics

\* New data module

Grid Relationships Custom tables

Filter...

- Create data group...
- Create navigation path...
- Search for members...
- Refresh members
- Split...
- Hide from users
- Remove
- Refresh properties...
- Format data...
- Clean...
- Rename
- Cut
- Copy
- Properties

Home Location	Level of Education	Age(Years)	Number of Subjects	Device type...nd classes
Urban	Under Graduate	18	11	Laptop
Urban	Under Graduate	19	7	Laptop
Urban	Under Graduate	18	5	Laptop
Urban	Under Graduate	18	5	Laptop
Urban	Under Graduate	18	5	Laptop
Urban	Under Graduate	18	5	Laptop
Urban	Under Graduate	19	5	Laptop
Urban	Under Graduate	17	4	Laptop
Urban	Under Graduate	19	5	Laptop
Urban	Under Graduate	20	9	Laptop

Activate Windows  
Go to Settings to activate Windows.

IBM Cognos Analytics

New data module

Grid

Relationships

Custom tables

Age(Years)

Number of Subjects

Dev\_for\_class

Eco

18	11	Laptop	M
19	7	Laptop	M
18	5	Laptop	M
18	5	Laptop	M
18	5	Laptop	M
18	5	Laptop	M
19	5	Laptop	M
17	4	Laptop	M
19	5	Laptop	M
20	9	Laptop	M

Properties

General

Navigation paths

Label

Dev\_for\_class

Hide from users

Expression

View or edit

Usage

Identifier

Aggregate

Count Distinct

Data type

Text

Represents

Default

Description

Activate Windows  
Go to Settings to activate Windows.

Data module

ONLINE ED...IEW.xlsx

# Row Id

Gender

Home Location

Level of Education

Age(Years)

Number o...bjects

Dev\_for\_class

Economic status

Family size

Internet f... locality

Are you i...y sports?

Do elderl...itor you?

IBM Cognos Analytics

New data module

Grid

Relationships

Custom tables

erly ...onitor you?

Study time (Hours)

Sleep time (Hours)

Time spent ...dia

	3	6	1
	7	5	1
	6	7	1
	3	6	2
	8	7	2
	3	6	2
	2	6	3
	4	8	6
	6	6	2
	4	7	2

Properties

General

Navigation paths

Label

Study time (Hours)

Hide from users

Expression

View or edit

Usage

Identifier

Aggregate

Count Distinct

None

Average

Count

Count Distinct

Maximum

Minimum

Total

Data type

Represents

Time

Hour

Description

Activate Windows  
Go to Settings to activate Windows.

Data module

Are you i...y sports?

Do elderl...itor you?

Study time (Hours)

Sleep time (Hours)

Time spe... (Hours)

Interest... Gaming?

Have sep...tudyng?

Engaged ...studies?

Average ...lassroom

Your int...ine mode

Clearing...ine mode

Interested in?

Performa...n online

Your leve...ducation

The screenshot shows the IBM Cognos Analytics interface. A dialog box titled "Add a data source to explore" is open. It has two tabs: "My content" (selected) and "Team content". Under "My content", there is a table listing data sources:

Name	Type	Last Accessed
ONLINE EDUCATION SYSTEM REVIEW.xlsx	Uploaded file	9/10/2023, 1:46 AM
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Superstore datamodule	Data module	7/26/2023, 9:41 AM

At the bottom of the dialog, there are two buttons: "Cancel" and "Add". The "Add" button is highlighted in blue.

IBM Cognos Analytics

\* New exploration

12

Create +

1/1

Analytics

Details

Fields

Properties

Cards

1

Data relationships

Create a visualization

Drag and drop fields or choose visualization type

Choose a type

Fields

No visualization created

Create a visualization to manage the field settings.

Activate Windows

Go to Settings to activate Windows.

IBM Cognos Analytics

\* New exploration

12

Create +

7/7

Table

Related

Compare

Analytics

Details

Fields

Properties

Selected sources /

ONLINE EDUCATION SYS...

Search

Study t...(Hours)

Sleep t...(Hours)

Time sp...(Hours)

Interes...aming?

Have se...dying?

Engage...udies?

Averag...ssroom

Your in...e mode

Clearin...e mode

Interested in?

Perform... online

Your le...ucation

Home Location, Economic status and Performance in online

Economic status	Home Location	Performance in online
Middle Class	Rural	6.722
	Urban	6.68
Summary		6.694
Poor	Rural	6.486
	Urban	6.071
Summary		6.367
Rich	Rural	9
	Urban	7.111
Summary		7.3
Summary		6.696

Fields

Columns\*

Required field

Economic status

Home Location

Performance in online

Click or drag data here

Local filters

Click or drag data here

Activate Windows

Go to Settings to activate Windows.

