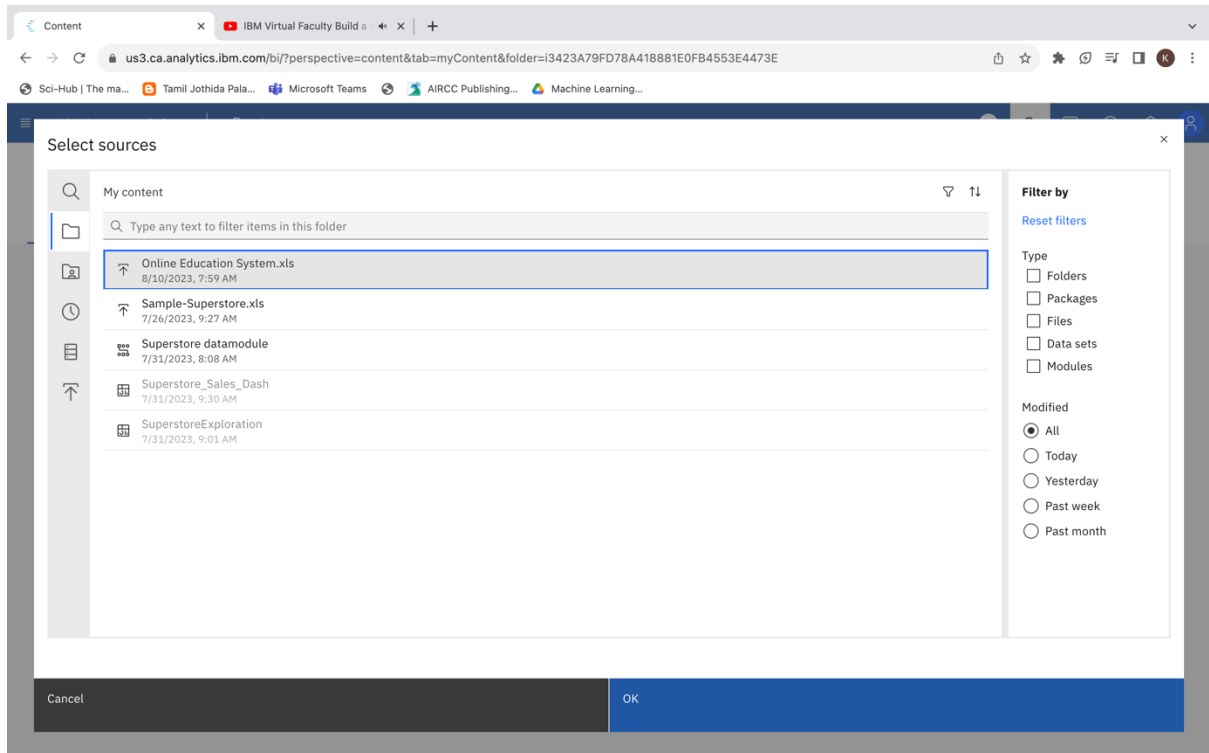
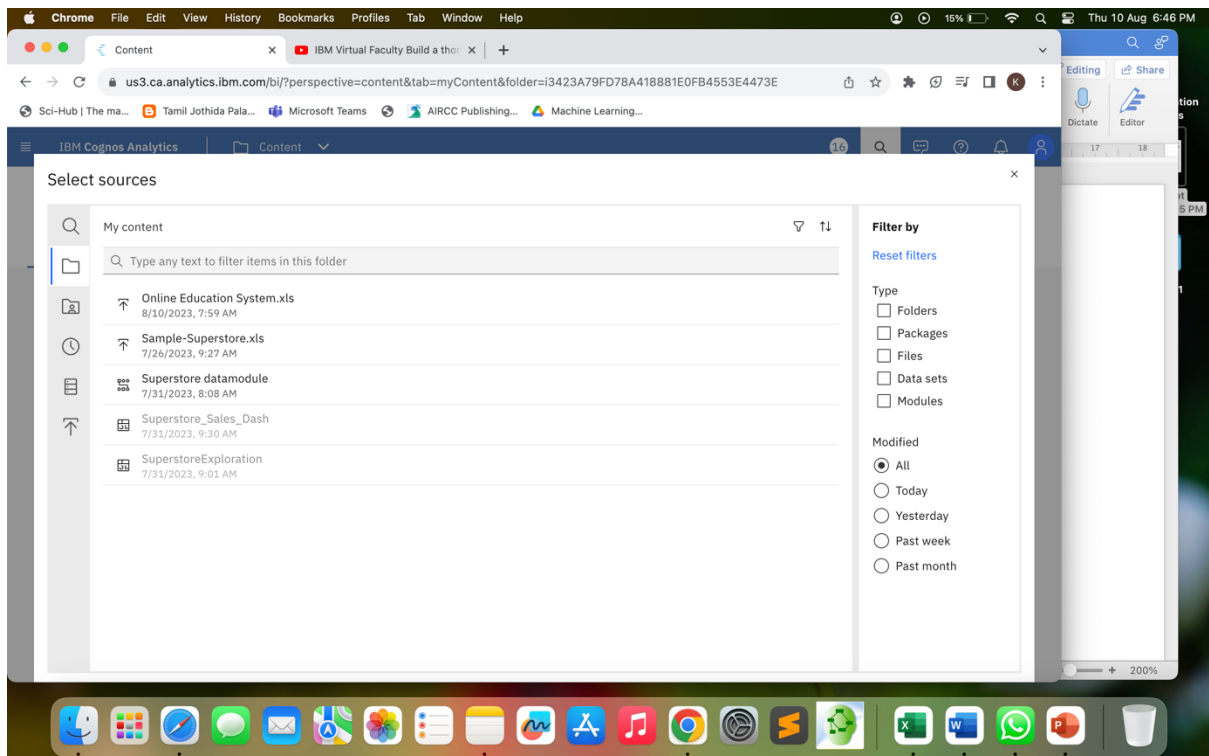


Unveiling The Virtual Classroom: An In-Depth Analysis Of The Online Education System

7. Data Preparation



New data module

IBM Virtual Faculty Build a th...

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Sci-Hub | The ma...Tamil Jothida Pala...Microsoft TeamsAIRCC Publishing...Machine Learning...

IBM Cognos AnalyticsNew data module16

Properties

Data module

Search

New data module

Navigation paths

Online Educ...System.xls

Row Id

Gender

Home Location

Level of Education

Age(Years)

Number of Subjects

Device typ...d classes

Economic status

Family size

Internet fa...ur locality

Are you in...ny sports?

Do elderly ...nitor you?


Study time (Hours)

Sleep time (Hours)

Time spent...a (Hours)

Interested in Gaming?

GridRelationshipsCustom tables



Preview data

To preview data, select a table, a column in a table, or a folder that contains columns.

New data module

IBM Virtual Faculty Build a th...

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=938884051_cf002ce92bf04850984fb3d8a8118027_sessionTemp&objRef=&tid=938884051_...

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Sleep time (Hours)

Time spent...a (Hours)

Interested in Gaming?

GridRelationshipsCustom tables

11	Row Id	Gender	Home Location	Level of Education	Age(Years)	Number of Subjects	De
	1	Male	Urban	Under Graduate	18	11	Lap
	2	Male	Urban	Under Graduate	19	7	Lap
	3	Male	Rural	Under Graduate	18	5	Lap
	4	Male	Urban	Under Graduate	18	5	Lap
	5	Male	Rural	Under Graduate	18	5	Lap
	6	Male	Urban	Under Graduate	18	5	Lap
	7	Male	Urban	Under Graduate	19	5	Lap
	8	Male	Urban	Under Graduate	17	4	Lap
	9	Female	Urban	Under Graduate	19	5	Lap
	10	Female	Rural	Under Graduate	20	9	Lap
	11	Female	Urban	Under Graduate	18	4	Des
	12	Male	Rural	Post Graduate	25	5	Mol
	13	Male	Urban	Under Graduate	20	7	Lap
	14	Male	Urban	Under Graduate	17	5	Lap
	15	Male	Urban	School	21	5	Lap

IBM Cognos Analytics interface showing the Data module and Relationships view.

The left sidebar displays the Data module structure:

- New data module
 - Navigation paths
 - Online Educ...System.xls
 - # Row Id
 - abc Gender
 - abc Home Location
 - abc Level of Education
 - Age(Years)
 - Number of Subjects
 - abc Device typ...d classes
 - abc Economic status
 - Family size
 - Internet fa...ur locality
 - abc Are you in...ny sports?
 - abc Do elderly ...nitor you?
 - Study time (Hours)
 - Sleep time (Hours)
 - Time spent...a (Hours)
 - abc Interested in Gaming?

The main workspace shows the Relationships view with a single table named "Online Edu...System.xls".

Diagram settings panel:

- Cardinality: ☒
- Focus mode: ☐
- Degrees of separation: 1

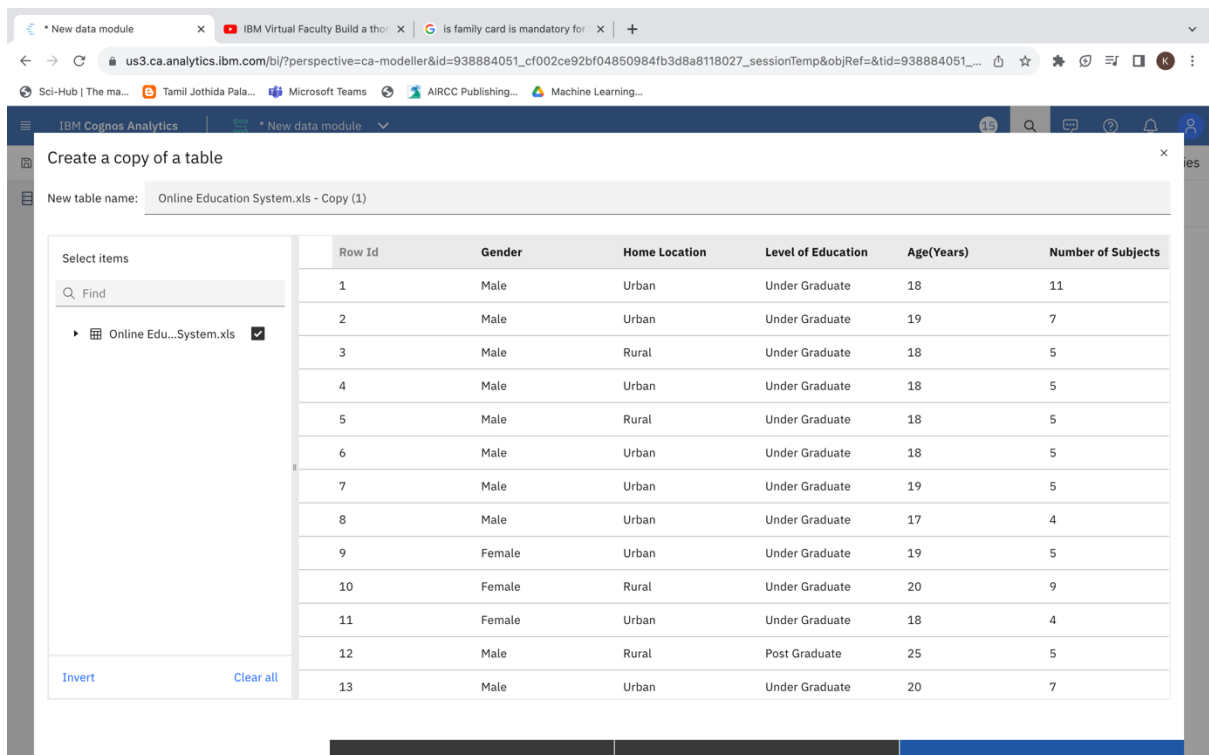
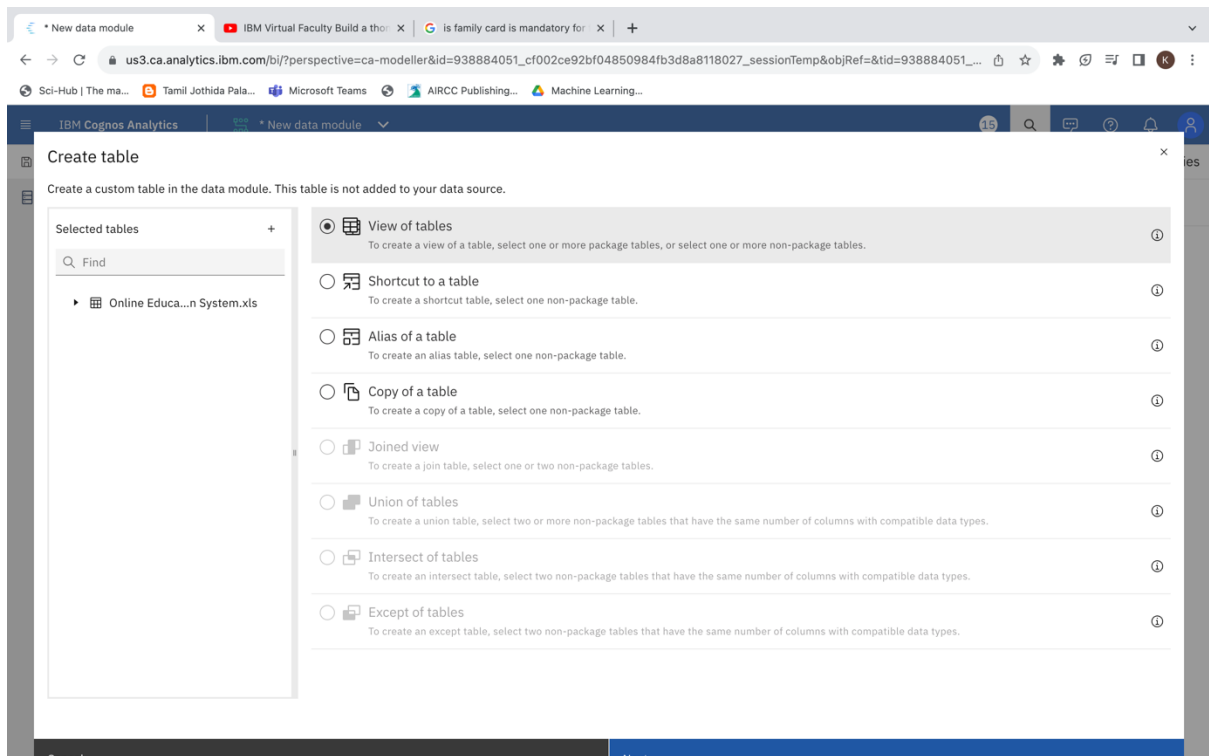
IBM Cognos Analytics interface showing the Data module and Custom tables view.

The left sidebar displays the Data module structure (same as above).

The main workspace shows the Custom tables view with a message:

Create a custom table
No custom tables were created yet.
You can create a custom table by combining existing tables.

A button labeled "Create custom table" is visible.



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IBM Cognos Analytics

New data module

Grid Relationships Custom tables

OES Online Education System.xls

Online Edu...System.xls

OES Online...System.xls

Search

New data module

- Navigation paths
- OES Online ... System.xls
- Online Educ...System.xls
 - # Row Id
 - Gender
 - Home Location
 - Level of Education
 - Age(Years)
 - Number of Subjects
 - Device typ...d classes
 - Economic status
 - Family size
 - Internet fa...ur locality
 - Are you in...ny sports?
 - Do elderly...nitor you?
 - Study time (Hours)
 - Sleep time (Hours)
 - Time spent...a (Hours)

Chrome File Edit View History Bookmarks Profiles Tab Window Help

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IBM Cognos Analytics

New data module

Save as

Name

Online Education System Data Module

Selected destination: My content

My content Team content

Name	Type	Last Accessed
Online Education System.xls	Uploaded file	8/10/2023, 7:59 AM
Sample-Superstore.xls	Uploaded file	7/26/2023, 9:27 AM
Superstore datamodule	Data module	7/31/2023, 8:08 AM
Superstore_Sales_Dash	Dashboard	7/31/2023, 9:30 AM

Cancel Save

https://us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=938884051_cf002ce92bf04850984fb3d8a8118027_sessionTemp&objRef=&tid=938884051_cf002ce92bf04850984fb3d8a8118027_sessionTemp#