

ARJUN COLLEGE OF TECHNOLOGY

ASSIGNMENT – 1

NAAN MUDHALVAN

NAME : HARISH KUMAR

REG NO: 723920243014

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IBM Cognos Analytics

1/2 Alerts What's New: To read about what's new in Getting Started, click More Info.

Get quick answers with the Assistant

Ask the Assistant a question in your own words to uncover insights about your data.

Ask a question

BOMMISSETTY ANINDRA ...
anindralucky222@gmail.com
Profile and settings

- My Inbox
- My schedules and subscriptions
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- Log my session
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- Manage product subscription
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- IBM Cognos Analytics Mobile

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Introduction to Cognos Analytics

Leverage self-service analytics to make more confident decisions.

Upload data and start creating content

Upload spreadsheets, CSV files, and other types of files, and create content based on these files.

Create content from existing data

Locate data sources in the Content view, and create content based on these sources.

Type here to search

28°C Haze 10:16 PM 10/10/2023

Open

Downloads > archive

Search archive

Organize New folder

Name	Date modified	Type	Size
Today			
supermarket_sales - Sheet1	04-10-2023 11:29	Microsoft Excel Co...	129

File name: supermarket_sales - Sheet1 Custom Files

Open Cancel

Recent Favorites

market sales module

Last Accessed 10/4/2023, 1:48 AM

supermarket_sales - Sheet1.csv

Last Accessed 10/4/2023, 1:38 AM

CSV

View all content

ENG IN 14:19 04-10-2023

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Analyzing supermarket_sales - Sheet1.csv

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IBM Cognos Analytics

What's New: To read about what's new in Modeling, click More Info.

Properties

Data module

Grid Relationships Custom tables

Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A	Yangon	Member	Female	Health and beauty
2	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories
3	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle
4	123-19-1176	A	Yangon	Member	Male	Health and beauty
5	373-73-7910	A	Yangon	Normal	Male	Sports and travel
6	699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories
7	355-53-5943	A	Yangon	Member	Female	Electronic accessories
8	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle
9	665-32-9167	A	Yangon	Member	Female	Health and beauty
10	692-92-5582	B	Mandalay	Member	Female	Food and beverage
11	351-62-0822	B	Mandalay	Member	Female	Fashion accessories
12	529-56-3974	B	Mandalay	Member	Male	Electronic accessories

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What's New: To read about what's new in Modeling, click More Info.

Properties

Data module

Grid Relationships Custom tables

Focus mode

supermarke...Sheet1.csv

Diagram settings

- ☐ Cardinality
- ☒ Focus mode

Degrees of separation: 1

1

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=4224956254_d59b5b39d5346548f5896f88ff6166d_sessionTemp&objRef=8tid=4224956254_d59b5b39d534...

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Create a view of tables

Select items to be included in the table.

Table name: supermarket

Reference tables

Search

supermarke...Sheet1.csv

Row Id

Invoice ID

Branch

City

Customer type

Gender

Product line

Unit price

Quantity

Tax 5%

Total

Date

Time

Row Id	Invoice ID	Branch	City	Customer type	Gender	Pr
1	750-67-8428	A	Yangon	Member	Female	
2	226-31-3081	C	Naypyitaw	Normal	Female	
3	631-41-3108	A	Yangon	Normal	Male	
4	123-19-1176	A	Yangon	Member	Male	
5	273-73-7910	A	Yangon	Normal	Male	
6	699-14-3026	C	Naypyitaw	Normal	Male	
7	355-53-5943	A	Yangon	Member	Female	
8	315-22-5665	C	Naypyitaw	Normal	Female	
9	665-32-9167	A	Yangon	Member	Female	
10	692-92-5582	B	Mandalay	Member	Female	
11	351-62-0822	B	Mandalay	Member	Female	
12	529-56-3974	B	Mandalay	Member	Male	

Type here to search

22:08 03-10-2023

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supermarket_s... - Sheet1.csv

Data module

Search

supermarket_s... - Sheet1.csv

Navigation paths

supermarket

supermarke...heet1.csv

Grid

Relationships

Custom tables

supermarket

supermarke...Sheet1.csv

supermarket

Could not save module: CM-REQ-4315 The property "deploymentReferences" refers to the non-existent object "storeID('23E91A44A1A F42289DA3D35E9054C9 8F)'".

Type here to search

22:10 03-10-2023

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=4224956254_df59b5b39d5346548f5896f25ff66d_sessionTemp8.cbjRef=8&id=4224956254_df59b5b39d534...

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*supermarket_sales - Sheet1.csv

Data module

Search

supermarket_sales - Sheet1.csv

Navigation paths

supermarket

supermarket_sales - Sheet1.csv

Grid Relationships Custom tables

supermarket

supermarket_sales - Sheet1.csv

supermarket

Could not save module: CM-REQ-4315 The property "deploymentReferences" refers to the non-existent object {"storeId":"23E91A44A1AF42289DA3D35E9054C9BP"}.

Type here to search

22:11 03-10-2023

us3.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=02CC328C15E74034A566990929CC0128

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Content

New

My content Team content Samples Favorites

supermarket_sales - Sheet1.csv

Last Modified 10/3/2023, 11:36 AM

CSV

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22:11 03-10-2023

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Content

My content | Team content

supermarket_sales - Sheet1.csv

Last Modified: 10/3/2023, 11:36 AM

Add a data source to explore

My content | Team content

Name	Type	Last Modified
supermarket_sales - Sheet1.csv	Uploaded file	10/3/2023, 11:36 AM

Cancel | Add

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Type here to search

Screen... Super... Conten... TurboV... Whats... DA Ass... 8lyxb... ENG 22:11 03-10-2023

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeler&id=i3E437656E02D42B6A8AFB012409D0678&objRef=i3E437656E02D42B6A8AFB012409D0678&tid=27281707...

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market sales data module

Data module

Search

market sales data module

Navigation paths

supermarket_sale

supermarke...heet1.csv

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Type here to search

Screen... Super... market... TurboV... Whats... DA Ass... 8lyxb... ENG 22:15 03-10-2023

us3.ca.analytics.ibm.com/bi/perspective=ca-modeller&id=3E437656E02D42E6A9AFB012409D0678&cbjRef=3E437656E02D42E6A9AFB012409D0678&did=27281707...

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market sales data module

Add a data source to explore

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Name	Type	Last Modified
market sales data module	Data module	10/3/2023, 11:45 AM
supermarket_sales - Sheet1.csv	Uploaded file	10/3/2023, 11:36 AM

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* New exploration

Selected sources / market sales data module

- Navigation paths
- supermarket_sale
 - Invoice ID
 - Branch
 - City
 - Customer type
 - Gender
 - Product line
 - Unit price
 - Quantity
 - Tax 5%
 - Total
 - Payment
 - cogs
 - gross margin

Chart A

Quantity

5.51K

Quantity

Create a comparison
Drag and drop fields
or choose visualization type

Choose a type

Summary	Chart A : Quantity	Combined
Chart percent of data set	100%	-
Chart percent displayed	100%	-
Average	5.51K	-
Chart total	5.51K	-
Difference of chart totals		-

Fields

Base value*

Quantity

Target value

Click or drag data here

Time

Click or drag data here

Local filters

Click or drag data here

IBM Cognos Analytics interface showing a table visualization titled "Invoice ID for Branch, Branch and Customer type". The table displays data for Invoice ID, Branch (A, B, C), Customer type (Member, Normal), and Summary. The interface includes a sidebar with "Selected sources" and a list of fields like Invoice ID, Branch, City, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, and Total.

Invoice ID		A	B	C	Summary
A	Member	167	(no value)	(no value)	167
	Normal	173	(no value)	(no value)	173
	Summary	340	(no value)	(no value)	340
B	Member	(no value)	165	(no value)	165
	Normal	(no value)	167	(no value)	167
	Summary	(no value)	332	(no value)	332
C	Member	(no value)	(no value)	159	159
	Summary	(no value)	(no value)	328	328
	Summary	340	332	328	1,000

Analytics



The visualization selected does not use forecasting or analytic insights

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

IBM Cognos Analytics interface showing a visualization titled "Base value" with a line chart displaying a value of 2.34M. The interface includes a sidebar with "Selected sources" and a list of fields like Invoice ID, Branch, City, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, Total, Payment, and cogs. A message box indicates: "Could not validate module: The server is not responding; it might be disconnected from the network."

2.34M

Build your visualization
Drag data here or onto the fields.

Target value
Drag data here

Time
Drag data here





