

Team ID	PNT2022TMID08923
Project Name	Global Sales Data Analytics

Fetching the dataset in the DB2:

IBM Cognos Analytics with Watson

Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

People
Create and manage accounts and contacts

Data server connections
Create and manage connections

Customization
Manage themes and extensions

Collaboration
Manage collaboration settings

Storage
Connect to a cloud object storage environment

Secure Gateways
Create and manage Secure Gateways

Cognos Analytics with

Watch our introduction video, product tour and

Product tour

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 explor...

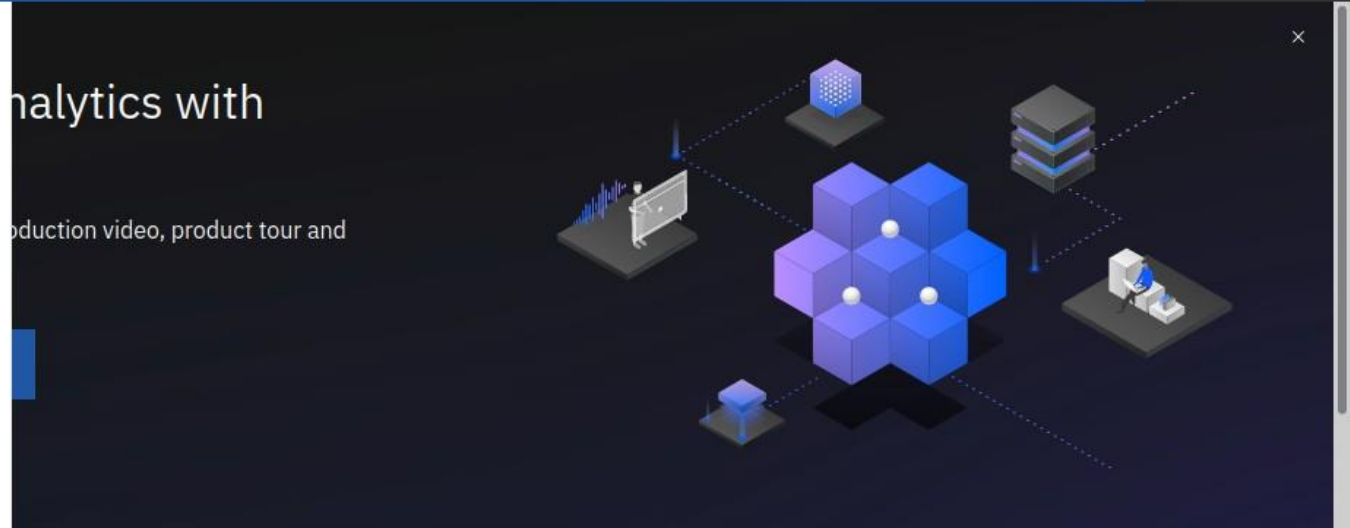
Present data
Create sophisticated, multi-page, multi-query dashboards, reports, or stori...


< Data server connections

🔍 + analytics with

Name	Modified
Weather Company	3/31/2022 10:38 PM
<u>sales_csv</u>	11/13/2022 3:33 AM


sales_csv






data

modules to clean
t data from
sources.



Exploration

Quickly find unbiased
answers by identifying trends
in your data with data explor...



Present data

Create sophisticated,
multi-page, multi-query
dashboards, reports, or stori...



Maintenance: Scheduled maintenance completed. Click [More Info](#) for details and to subscribe to future events

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< Data server connections



Name	Modified
Weather Company	3/31/2022 10:38 PM
sales_csv	11/13/2022 3:33 AM

sales_csv



Owner
KAVIS ... 92a7e7)

Created: 11/13/2022, 3:33 AM
Modified: 11/13/2022, 3:33 AM
Type: Data Server

General **Connections** Permissions

Name Modified

[sales_csv](#) 11/13/2022 3:34 AM

sales_csv



Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stories

g trends
explor...

sales_csv

Owner

KAVIS ... 92a7e7)

Created: 11/13/2022, 3:33 AM

Modified: 11/13/2022, 3:34 AM

Type: Connection

General

Settings

Schemas

Permissions

Connection details

Edit >

Authentication method

☒ Connect anonymously

☐ Prompt for the user ID and password

☐ Use an external namespace

☐ Use the following signon:

Test

Not tested

Save

Edit IBM Db2 connection

JDBC URL:

jdbc:db2://ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud:31321/bludb:user=abcdefgh;password=ijklmnop;sslConnection=true;

Driver class name:

com.ibm.db2.jcc.DB2Driver

Restore

Example URL

Connection properties: ?

Cloud certificate details ?

Secure Gateway destination ?

Close

ata

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ulti-query
eports, or stori...



sales_csv



Owner
KAVIS ... 92a7e7)

Created: 11/13/2022, 3:33 AM
Modified: 11/13/2022, 3:34 AM
Type: Connection

General Settings Schemas Permissions

Connection details

[Edit >](#)

Authentication method

- ☒ Connect anonymously
- ☐ Prompt for the user ID and password
- ☐ Use an external namespace
- ☐ Use the following signon:



Test



Success



[i >](#)

Save



sales_csv



Owner
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General Connections Permissions

Name



Modified



sales_csv

11/13/2022
3:34 AM



sales_csv



Owner
KAVIS ... 92a7

General Settings

Status

Schema na



AUDIT



DB2INST1



ERRORSCH



MQH0011

Preparing the Data:

IBM Cognos Analytics with Watson

28

Search content

Select sources

Search

Data servers

Filter icon

Sort icon

Type any text to filter items in this folder

Sales Data Analytics

11/13/2022, 7:06 AM

Weather Company

3/31/2022, 8:44 PM

Data servers and schemas

Filter by

Reset filters

Modified

All

Today

Yesterday

Past week

Past month

20.png

19.png

18.png

17.png

Project developm.....docx

Project developme.....pdf

Show all

84°F Haze

Search

ENG IN

12:40 PM 11/18/2022

IBM Cognos Analytics with Watson

28

Search content

Select sources

← Data servers / Sales Data Analytics

🔍 Type any text to filter items in this folder

MQH00110

11/13/2022, 7:07 AM

Filter by

[Reset filters](#)

Modified

☒ All

☐ Today

☐ Yesterday

☐ Past week

☐ Past month

20.png

19.png

18.png

17.png

Project developm.....docx

Project developme.....pdf

Show all

84°F Haze

Search

ENG IN

12:41 PM 11/18/2022

IBM Cognos Analytics with Watson


28° Search content

us1.ca.analytics.ibm.com/bi/?perspective=home#

28° Search content


Add tables

Specify how to add tables to your data module.



Select tables

Select the tables that you want to include in your data module, and create the data module manually.



Discover related tables


Engage the system to recommend related tables for your data module and create the data module for you.

Cancel

Next

84°F Haze

Search



ENG IN

12:41 PM 11/18/2022

IBM Cognos Analytics with Watson


28° Search content

us1.ca.analytics.ibm.com/bi/?perspective=home#

28° Search content


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Cancel

Next

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Search

File Explorer

Edge

Store

Zoom

Spotify

Visual Studio Code

Chrome

PowerPoint

Word

ENG IN

12:42 PM 11/18/2022

IBM Cognos Analytics with Watson

Create calculation

Name: Calculation name

Components

- Sal
 - # Row Id
 - abc Order Id
 - Order Date
 - Ship Date
 - abc Ship Mode
 - abc Customer Id
 - abc Custo... Name
 - abc Segment
 - City
 - State

Expression

1

Information

☐ Calculate after aggregation

Cancel OK

85°F Haze

Search

ENG IN

12:45 PM 11/18/2022

Custom Table Creation:

IBM Cognos Analytics with Watson

Create table

Create a custom table in the data module. This table is not added to your data source.

Selected tables +

Find

- Sal
 - # Row Id
 - abc Order Id
 - Order Date
 - Ship Date
 - abc Ship Mode
 - abc Customer Id
 - abc Customer Name
 - abc Segment
 - City
 - State
 - Country
 - Postal Code
 - abc Market
 - Region

☒ **View of tables**
To create a view of a table, select one or more package tables, or select one or more non-package tables.

☐ **Shortcut to a table**
To create a shortcut table, select one non-package table.

☐ **Alias of a table**
To create an alias table, select one non-package table.

☐ **Copy of a table**
To create a copy of a table, select one non-package table.

☐ **Joined view**
To create a join table, select one or two non-package tables.

☐ **Union of tables**
To create a union table, select two or more non-package tables that have the same number of columns with compatible data types.

☐ **Intersect of tables**
To create an intersect table, select two non-package tables that have the same number of columns with compatible data types.

☐ **Except of tables**
To create an except table, select two non-package tables that have the same number of columns with compatible data types.

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Search

ENG IN

12:46 PM 11/18/2022

Creating Navigation Paths:

IBM Cognos Analytics with Watson

* New data module

Search content

28%

Properties

Data module

Search

New data module

Navigation paths

Sal

Row Id

abc Order Id

Order Date

Ship Date

abc Ship Mode

abc Customer Id

abc Customer Name

abc Segment

City

State

Country

Postal Code

Market

Region

Product Id

Create navigation path

Name Row Id - Postal Code

Select and order the columns to use in the navigation path.

Row Id

Sal

abc Order Id

Sal

Order Date

Sal

Ship Date

Sal

abc Ship Mode

Sal

abc Customer Id

Sal

Cancel

OK

85°F Haze

Search

ENG IN

12:48 PM 11/18/2022

Data Cleaning:

SourcesMQH00110

Data module

GridRelationshipsCustom tables

Row Id	Order Id	Order Date	Ship Date	Ship Mode	Customer Id
42336		18-12-2013	18-12-2013	Same Day	DG-3300
29047		30-05-2012	31-05-2012	First Class	SG-20470
32941		19-03-2012	20-03-2012	First Class	FH-14365
29601		25-05-2012	28-05-2012	Second Class	GP-14740
23499		05-08-2014	06-08-2014	First Class	MW-18220
35594		24-08-2014	27-08-2014	Second Class	PO-18850
26634		11-03-2014	13-03-2014	Second Class	CS-12460
39501		08-11-2012	08-11-2012	Same Day	KD-16495
10522	ES-2014-4673578	11-08-2014	16-08-2014	Second Class	MS-17980
10549	IT-2013-3376681	31-08-2013	03-09-2013	First Class	KC-16675
25314	IN-2014-66615	18-01-2014	23-01-2014	Standard Class	DB-13405
39977	CA-2013-143805	02-12-2013	04-12-2013	Second Class	JD-15895

