

## Loading The Dataset

Before you can build a view and analyze your data, you must first connect the data to IBM Cognos. Cognos supports connecting to a wide variety of data, stored in a variety of places.

The data might be stored on your computer in a spreadsheet or a text file, or in a big data, relational, or cube (multidimensional) database on a server in your enterprise.

In our case, we will be using a spreadsheet or text file for making our analysis.

Global_Superstore2.csv - Excel (Product Activation Failed)																						
File Home Insert Page Layout Formulas Data Review View Tell me what you want to do...																						
Clipboard		Font					Alignment			Number		Styles		Cells		Editing						
V29		1364.238																				
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer	Customer Segment	City	State	Country	Postal Cod	Market	Region	Product ID	Category	Sub-Categ	Product N	Sales	Quantity	Discount	Profit	Sh
2	32298	CA-2012-1	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hans Consumer	New York	New York	United Sta	10024	US	East	TEC-AC-1C	Technolog	Accessorie	Plantronic	2309.65	7	0	762.1845	
3	26341	IN-2013-7	05-02-2013	07-02-2013	Second Cl	JR-16210	Justin Rittr Corporate	Wollongor	New South	Australia		APAC	Oceania	FUR-CH-1C	Furniture	Chairs	Novimex E	3709.395	9	0.1	-288.765	
4	25330	IN-2013-7	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reite Consumer	Brisbane	Queenslan	Australia		APAC	Oceania	TEC-PH-1C	Technolog	Phones	Nokia Sma	5175.171	9	0.1	919.971	
5	13524	ES-2013-1	28-01-2013	30-01-2013	First Class	KM-16375	Katherine Home Offi	Berlin	Berlin	Germany		EU	Central	TEC-PH-1C	Technolog	Phones	Motorola	2892.51	5	0.1	-96.54	
6	47221	SG-2013-4	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hans Consumer	Dakar	Dakar	Senegal		Africa	Africa	TEC-SHA-1	Technolog	Copiers	Sharp Wire	2832.96	8	0	311.52	
7	22732	IN-2013-4	28-06-2013	01-07-2013	Second Cl	JM-15655	Jim Mitchi Corporate	Sydney	New South	Australia		APAC	Oceania	TEC-PH-1C	Technolog	Phones	Samsung S	2862.675	5	0.1	763.275	
8	30570	IN-2011-8	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swin Consumer	Porirua	Wellington	New Zealand		APAC	Oceania	FUR-CH-1C	Furniture	Chairs	Novimex E	1822.08	4	0	564.84	
9	31192	IN-2012-8	14-04-2012	18-04-2012	Standard C	MB-18085	Mick Brow Consumer	Hamilton	Waikato	New Zealand		APAC	Oceania	FUR-TA-1C	Furniture	Tables	Chromcraf	5244.84	6	0	996.48	
10	40155	CA-2014-1	14-10-2014	21-10-2014	Standard C	JW-15220	Jane Wacc Corporate	Sacrament	California	United Sta	95823	US	West	OFF-BI-10	Office Sup	Binders	Fellowes P	5083.96	5	0.2	1906.485	
11	40936	CA-2012-1	28-01-2012	31-01-2012	Second Cl	JH-15985	Joseph Ho Consumer	Concord	North Car	United Sta	28027	US	South	FUR-TA-1C	Furniture	Tables	Chromcraf	4297.644	13	0.4	-1862.31	
12	34577	CA-2011-1	05-04-2011	09-04-2011	Second Cl	GM-14695	Greg Max Corporate	Alexandria	Virginia	United Sta	22304	US	South	OFF-SU-1C	Office Sup	Supplies	Martin Yal	4164.05	5	0	83.281	
13	28879	ID-2012-2	19-04-2012	22-04-2012	First Class	AI-10780	Anthony J Corporate	Kabul	Kabul	Afghanistan		APAC	Central Asi	FUR-TA-1C	Furniture	Tables	Bevis Conf	4626.15	5	0	647.55	
14	45794	SA-2011-1	27-12-2011	29-12-2011	Second Cl	MM-7260	Magdalen Consumer	Jizan	Jizan	Saudi Arabia		EMEA	EMEA	TEC-CIS-1C	Technolog	Phones	Cisco Sma	2616.96	4	0	1151.4	
15	4132	MX-2012-1	13-11-2012	13-11-2012	Same Day	VF-21715	Vicky Frey Home Offi	Toledo	Parana	Brazil		LATAM	South	FUR-CH-1C	Furniture	Chairs	Harbour Ci	2221.8	7	0	622.02	
16	27704	IN-2013-7	06-06-2013	08-06-2013	Second Cl	PF-19120	Peter Fulle Consumer	Mudanjiang	Heilongjiang	China		APAC	North Asia	OFF-AP-10	Office Sup	Appliances	KitchenAid	3701.52	12	0	1036.08	
17	13779	ES-2014-5	31-07-2014	03-08-2014	Second Cl	BP-11185	Ben Peteri Corporate	Paris	Île-de-Fr	France		EU	Central	OFF-AP-10	Office Sup	Appliances	Breville Re	1869.588	4	0.1	186.948	
18	36178	CA-2014-1	03-11-2014	06-11-2014	Second Cl	TB-21175	Thomas B Corporate	Henderson	Kentucky	United Sta	42420	US	South	TEC-AC-1C	Technolog	Accessorie	Logitech d	2249.91	9	0	517.4793	
19	12069	ES-2014-1	08-09-2014	14-09-2014	Standard C	PJ-18835	Patrick Jor Corporate	Prato	Tuscany	Italy		EU	South	OFF-AP-10	Office Sup	Appliances	Hoover Str	7958.58	14	0	3979.08	
20	22096	IN-2014-1	31-01-2014	01-02-2014	First Class	JS-15685	Jim Sink Corporate	Townsville	Queenslan	Australia		APAC	Oceania	TEC-CO-1C	Technolog	Copiers	Brother Fa	2565.594	9	0.1	28.404	
21	49463	TZ-2014-8	05-12-2014	07-12-2014	Second Cl	RH-9555	Ritsa Hight Consumer	Uvinza	Kigoma	Tanzania		Africa	Africa	OFF-KIT-1C	Office Sup	Appliances	KitchenAid	3409.74	6	0	818.28	
22	46630	PL-2012-7	08-08-2012	10-08-2012	First Class	AB-600	Ann Blume Corporate	Bytom	Silesia	Poland		EMEA	EMEA	FUR-HON-1	Furniture	Tables	Hon Comp	1977.72	4	0	276.84	
23	31784	CA-2011-1	29-10-2011	31-10-2011	First Class	SA-20830	Sue Ann R Consumer	Chicago	Illinois	United Sta	60610	US	Central	TEC-PH-1C	Technolog	Phones	Apple iPho	2735.952	6	0.2	341.994	
24	21586	IN-2011-4	02-05-2011	03-05-2011	First Class	JK-15325	Jason Klan Corporate	Suzhou	Anhui	China		APAC	North Asia	FUR-CH-1C	Furniture	Chairs	SAFCO Exe	2754	6	0	358.02	
25	13528	ES-2013-2	27-02-2013	01-03-2013	Second Cl	LB-16795	Laurel Belt Home Offi	Edinburgh	Scotland	United Kingdom		EU	North	OFF-AP-10	Office Sup	Appliances	KitchenAid	5273.7	10	0	1898.4	
26	1570	US-2014-1	31-07-2014	01-08-2014	First Class	NP-18325	Naresj Pat Consumer	Juárez	Chihuahua	Mexico		LATAM	North	TEC-PH-1C	Technolog	Phones	Motorola	1713.84	4	0	445.52	
27	3484	MX-2014-1	05-09-2014	08-09-2014	First Class	VD-21670	Valerie Do Consumer	Soyapango	San Salvad	El Salvador		LATAM	Central	FUR-TA-1C	Furniture	Tables	Hon Comp	2106.496	8	0.2	526.496	
28	30191	IN-2011-1	17-12-2011	20-12-2011	First Class	PB-19210	Phillip Bre Corporate	Taipei	Taipei City	Taiwan		APAC	North Asia	FUR-TA-1C	Furniture	Tables	Lesro Conl	1715.16	2	0	720.36	
29	11645	ES-2011-4	14-03-2011	17-03-2011	Second Cl	EB-14110	Eugene Ba Consumer	Leipzig	Saxony	Germany		EU	Central	OFF-AP-10	Office Sup	Appliances	Hoover Str	3069.738	6	0.1	1364.238	
30	37311	CA-2013-1	11-03-2013	12-03-2013	First Class	KF-16285	Karen Fere Home Offi	Los Angeles	California	United Sta	90008	US	West	TEC-PH-1C	Technolog	Phones	Annie iPho	4158.912	8	0.2	363.9048	

Ready

Type here to search

28°C Cloudy

00:08

16-10-2022

Click on the upload data.

The screenshot displays the IBM Cognos Analytics with Watson web application interface. The browser's address bar shows the URL `us3.ca.analytics.ibm.com/bi/?perspective=home`. The application header includes the title "IBM Cognos Analytics with Watson", a search bar with the placeholder "Search content", and user profile icons. Below the header is a decorative banner with a 3D cube graphic. The main content area features a "Quick launch" section with four tiles: "Upload data" (with an upload icon), "Prepare data" (with a data module icon), "Exploration" (with a search icon), and "Present data" (with a dashboard icon). Each tile contains a brief description of its function. Below the "Quick launch" section are tabs for "Get started" and "Recent". The "Get started" tab is active, showing the heading "Get up and running in IBM Cognos Analytics". At the bottom of the browser window, the Windows taskbar is visible, showing the search bar, taskbar icons, and system tray information including the date and time (00:09, 16-10-2022).

IBM Cognos Analytics with Watson

Search content

Quick launch

**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 exploration.

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

Get started Recent

Get up and running in IBM Cognos Analytics

Global\_Superstore....zip Loading dataset.jpg Show all

Type here to search

28°C Cloudy 00:09 16-10-2022

Click on the prepare dataset

The screenshot shows the IBM Cognos Analytics web interface. The browser address bar displays `us3.ca.analytics.ibm.com/bi/?perspective=home`. The main header includes the text "IBM Cognos Analytics with Watson" and a search bar labeled "Search content".

A "Select sources" dialog box is open, displaying a list of content items under the heading "My content". The list includes:

- 50\_Startups-DATADASHBOARD (9/22/2022, 12:05 PM)
- 50\_Startups-DATAEXPLORE (9/22/2022, 12:01 PM)
- 50\_Startups-DATAPREP (9/22/2022, 11:44 AM)
- 50\_Startups.csv (9/22/2022, 11:25 AM)
- Global\_Superstore2.csv (10/15/2022, 1:47 PM)
- Pharma\_Monthly\_Sales\_DASHBOARD (9/27/2022, 10:22 AM)
- Pharma\_Monthly\_Sales\_dataprep (9/27/2022, 9:16 AM)
- Pharma\_Monthly\_Sales.xlsx (9/27/2022, 9:15 AM)
- Sample - Superstore.xls (9/19/2022, 11:37 AM)
- samplestore\_dataprep

On the right side of the dialog, there is a "Filter by" section with the following options:

- Type**
  - ☐ Folders
  - ☐ Packages
  - ☐ Files
  - ☐ Data sets
  - ☐ Modules
- Modified**
  - ☒ All
  - ☐ Today
  - ☐ Yesterday
  - ☐ Past week
  - ☐ Past month

At the bottom of the dialog, there are "Cancel" and "OK" buttons.

The Windows taskbar at the bottom shows the search bar with the text "Type here to search", several application icons (including Edge, File Explorer, and Office apps), and system information indicating 28°C Cloudy, the time 00:19, and the date 16-10-2022.

## Select the dataset

The screenshot displays the IBM Cognos Analytics with Watson web application. The browser's address bar shows the URL: `us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=1620186835_c7191bec51c9403f87b1f638e76f016c_sessionTemp&objRef=&tid=1620186835_c7191bec51c9403f87b1f638e76f...`. The application's top navigation bar includes the IBM Cognos Analytics with Watson logo, a dropdown menu for "New data module", a search bar labeled "Search content", and user profile icons. Below the navigation bar, the main interface is divided into a left sidebar and a central workspace. The sidebar, titled "Data module", contains a search bar and a list of data sources. The first item is "New data module", which is expanded to show a folder named "Navigation paths" and a file named "Global\_Su...tore2.csv". Below this file, a list of columns is displayed, each with a small icon and a label: "# Row Id", "# 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", and "Region". The central workspace has three tabs: "Grid", "Relationships", and "Custom tables". The "Grid" tab is currently selected. In the center of the workspace, there is a large circular icon containing a calendar with a checkmark. Below this icon, the text "Preview data" is displayed, followed by a sub-header "Preview data" and a paragraph: "To preview data, select a table, a column in a table, or a folder that contains columns." The bottom of the screenshot shows the Windows taskbar with various application icons and the system tray displaying the date and time as "16-10-2022 00:20".

IBM Cognos Analytics with Watson

\* New data module

Search content

Properties

Data module

Search

New data module

Navigation paths

Global\_Su...tore2.csv

- # Row Id
- # 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

Grid Relationships Custom tables

Preview data

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

Type here to search

28°C Cloudy

16-10-2022 00:20