

Project Development Phase

Sprint -1 (Getting Started with IBM Cognos)

Date	27 October 2022
Team ID	PNT2022TMID21528
Project Name	Global sales data analytics

IBM Cognos :

The screenshot shows the IBM Cognos Analytics website homepage. At the top, there is a navigation bar with the IBM logo and links for Products, Solutions, Consulting, Support, and More. A search icon and a user profile icon are also present. Below the navigation bar, there is a section for 'Cognos Analytics' with links to Features, How it's used, Resources, and Pricing. The main hero section features the text 'IBM Cognos Analytics with Watson' and a sub-headline 'Your trusted Watson co-pilot for smarter analytics and confident decisions.' Below this, there are two buttons: 'Start free for 30 days' and 'Book a meeting'. To the right of the text is an illustration of a person interacting with a large screen displaying a line chart, with various data visualizations and a 3D cube structure. A blue banner at the bottom of the hero section announces 'Now available: Cognos Analytics with Watson 11.2.2. Enhanced AI. Deeper insights. The latest version builds on existing capabilities.' and includes a 'Read the blog' link. The footer contains the text 'AI copilot for business' and 'All the answers you need in one', along with a 'Let's talk' button.

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Read the blog

AI copilot for business

All the answers you need in one

Let's talk

Quick Launch - IBM cognos :

IBM Cognos Analytics with Watson

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Search content

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

Dismiss

More info

Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video

Take a product tour

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

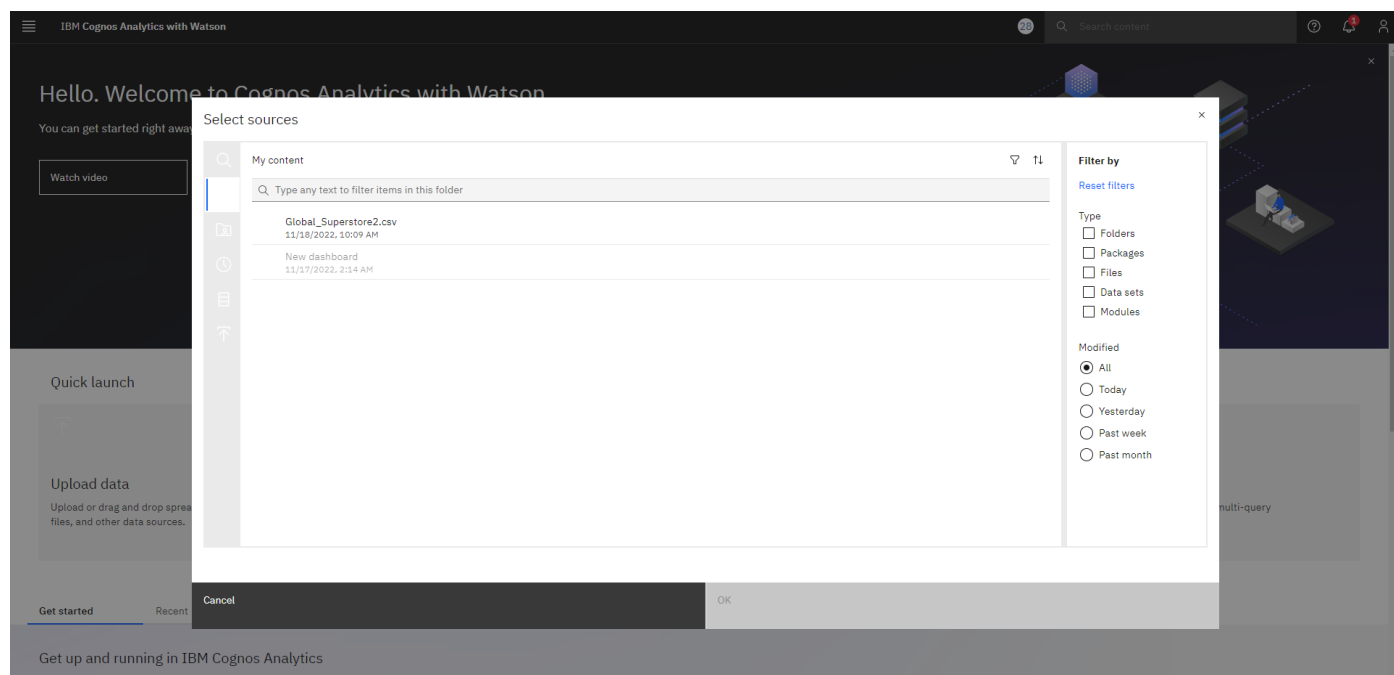
Get up and running in IBM Cognos Analytics

Dataset :

<https://www.kaggle.com/apoorvaappz/global-super-store-dataset>

#	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	City	State	Country	Postal Code	Market	Region	Product ID	Category	Sub-Category	Product Name	Sales	Quantity	Discount	Profit	Shipping Cost	Order Priority	
2	32298	CA-2012-12-31	07-2012	31-07-2012	Same Day	RH-19495	Rick Hansen	Consumer	New York	NY	United States	10024	US	East	TEC-AC-100	Technology	Accessories	Plantronics	2309.65	7	0	762.1845	933.57	Critical	
3	26341	IN-2013-770	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritte	Corporate	Wollongong	New South Wales	Australia		APAC	Oceania	FUR-CH-100	Furniture	Chairs	Novimex E	3709.395	9	0.1	-288.765	923.63	Critical	
4	25330	IN-2013-171	17-10-2013	18-10-2013	First Class	CR-12730	Craig Rittel	Consumer	Brisbane	Queensland	Australia		APAC	Oceania	TEC-PH-100	Technology	Phones	Nokia Smart	5175.171	9	0.1	919.971	915.49	Medium	
5	13524	ES-2013-157	28-01-2013	30-01-2013	First Class	KM-16375	Katherine M	Home Office	Berlin	Berlin	Germany		EU	Central	TEC-PH-100	Technology	Phones	Motorola S	2892.51	5	0.1	-96.54	910.16	Medium	
6	47221	SG-2013-432	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hansen	Consumer	Dakar	Dakar	Senegal		Africa	Africa	TEC-SHA-10	Technology	Copiers	Sharp Wire	2832.96	8	0	311.52	903.04	Critical	
7	22732	IN-2013-42	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitchui	Corporate	Sydney	New South Wales	Australia		APAC	Oceania	TEC-PH-100	Technology	Phones	Samsung S	2862.675	5	0.1	763.275	897.35	Critical	
8	30570	IN-2011-811	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swind	Consumer	Porirua	Wellington	New Zealand		APAC	Oceania	FUR-CH-100	Furniture	Chairs	Novimex E	1822.08	4	0	564.84	894.77	Critical	
9	31192	IN-2012-86	14-04-2012	18-04-2012	Standard Class	MB-18085	Mick Brown	Consumer	Hamilton	Waikato	New Zealand		APAC	Oceania	FUR-TH-100	Furniture	Tables	Chromcraft	5244.84	6	0	996.48	878.38	High	
10	40155	CA-2012-11	14-10-2014	21-10-2014	Standard Class	WM-15220	Jane Waco	Corporate	Sacramento	California	United States	95823	US	West	OFF-BI-100	Office Supply	Binders	Fellowes P	5083.96	5	0.2	1906.485	867.69	Low	
11	40936	CA-2012-11	28-01-2012	31-01-2012	Second Class	HM-15985	Joseph Holl	Consumer	Concord	North Carolina	United States	28027	US	South	FUR-TH-100	Furniture	Tables	Chromcraft	4297.644	13	0.4	-1862.312	865.74	Critical	
12	34577	CA-2011-10	05-04-2011	09-04-2011	Second Class	GM-14695	Greg Maxw	Corporate	Alexandria	Virginia	United States	22304	US	South	OFF-SU-100	Office Supply	Supplies	Martin Yale	4164.05	5	0	83.281	846.54	High	
13	28879	ID-2012-284	19-04-2012	22-04-2012	First Class	AJ-10780	Anthony Ja	Corporate	Kabul	Kabul	Afghanistan		APAC	Central Asia	FUR-TH-100	Furniture	Tables	Bevis Conf	4626.15	5	0	647.55	835.57	High	
14	45794	SA-2011-18	27-12-2011	29-12-2011	Second Class	MM-7260	Magdelene	Consumer	Jizan	Jizan	Saudi Arabia		EMEA	EMEA	TEC-CIS-100	Technology	Phones	Cisco Smart	2616.96	4	0	1151.4	832.41	Critical	
15	4132	MX-2012-11	13-11-2012	13-11-2012	Same Day	VF-21715	Vicky Freyn	Home Office	Toledo	Parana	Brazil		LATAM	South	FUR-CH-100	Furniture	Chairs	Harbour Cr	2221.8	7	0	622.02	810.25	Critical	
16	27704	IN-2013-738	06-06-2013	08-06-2013	Second Class	PF-19120	Peter Fulle	Consumer	Mudanjiang	Heilongjiang	China		APAC	North Asia	OFF-AP-100	Office Supply	Appliances	KitchenAid	3701.52	12	0	1036.08	804.54	Critical	
17	13779	ES-2014-501	31-07-2014	03-08-2014	Second Class	BP-11185	Ben Petern	Corporate	Paris	Ile-de-France	France		EU	Central	OFF-AP-100	Office Supply	Appliances	Breville Re	1869.588	4	0.1	186.948	801.66	Critical	
18	36178	CA-2014-14	03-11-2014	06-11-2014	Second Class	BP-21175	Thomas Bol	Corporate	Henderson	Kentucky	United States	42420	US	South	TEC-AC-100	Technology	Accessories	Logitech D	2249.91	9	0	517.4793	780.7	Critical	
19	12069	ES-2014-160	08-09-2014	14-09-2014	Standard Class	PIJ-18835	Patrick Joni	Corporate	Prato	Tuscany	Italy		EU	South	OFF-AP-100	Office Supply	Appliances	Hoover Sto	7958.58	14	0	3979.08	778.32	Low	
20	22096	IN-2014-111	31-01-2014	01-02-2014	First Class	JS-15685	Jim Sinks	Corporate	Townsville	Queensland	Australia		APAC	Oceania	TEC-CO-100	Technology	Copiers	Brother Fax	2565.594	9	0.1	28.404	766.93	Critical	
21	49463	TZ-2014-810	05-12-2014	07-12-2014	Second Class	RAH-9555	Rita Hight	Consumer	Uvinza	Kigoma	Tanzania		Africa	Africa	OFF-KIT-100	Office Supply	Appliances	KitchenAid	3409.74	6	0	818.28	763.38	High	
22	46630	PL-2012-78	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	759.47	Critical	
23	31784	CA-2011-15	29-10-2011	31-10-2011	First Class	SA-20930	Sue Ann Re	Consumer	Chicago	Illinois	United States	60610	US	Central	TEC-PH-100	Technology	Phones	Apple iPho	2735.952	6	0.2	341.994	752.51	High	
24	21586	IN-2011-440	02-05-2011	03-05-2011	First Class	JK-15325	Jason Klam	Corporate	Suzhou	Anhui	China		APAC	North Asia	FUR-CH-100	Furniture	Chairs	SAFCO Exe	2754	6	0	358.02	752.47	Critical	
25	13528	ES-2013-284	02-05-2013	01-03-2013	Second Class	LB-16795	Laurel Belti	Home Office	Edinburgh	Scotland	United Kingdom		EU	North	OFF-AP-100	Office Supply	Appliances	KitchenAid	5273.7	10	0	1898.4	730.91	High	
26	1570	US-2014-13	31-07-2014	01-08-2014	First Class	NP-18325	Naresj Pate	Consumer	Juarez	Chihuahua	Mexico		LATAM	North	TEC-PH-100	Technology	Phones	Motorola S	1713.84	4	0	445.52	728.97	Critical	
27	3484	MX-2014-16	05-09-2014	08-09-2014	First Class	VD-21670	Valerie Dor	Consumer	Soyapango	San Salvador	El Salvador		LATAM	Central	FUR-TH-100	Furniture	Tables	Hon Comp	2106.496	8	0.2	526.496	728.39	Critical	
28	30191	IN-2011-101	17-12-2011	20-12-2011	First Class	PB-19210	Phillip Brey	Corporate	Taipei	Taipei City	Taiwan		APAC	North Asia	FUR-CH-100	Furniture	Tables	Lesro Conf	1715.16	2	0	720.36	725.57	Critical	
29	11645	ES-2011-461	14-03-2011	17-03-2011	Second Class	EB-14110	Eugene Bar	Consumer	Leipzig	Saxony	Germany		EU	Central	OFF-AP-100	Office Supply	Appliances	Hoover Sto	3069.738	6	0.1	1364.238	725.34	Critical	
30	37311	CA-2013-15	11-12-2013	12-03-2013	First Class	KF-16285	Karen Fergi	Home Office	Los Angeles	California	United States	90008	US	West	FUR-TH-100	Furniture	Tables	Apple iPho	4158.912	8	0.2	363.9048	714.66	High	
31	22999	IN-2012-441	25-02-2012	25-02-2012	Same Day	BP-11230	Benjamin P	Consumer	Surat	Gujarat	India		APAC	Central Asia	FUR-CH-100	Furniture	Chairs	Office Star	1878.72	4	0	582.36	704.08	Critical	
32	220	US-2011-12	28-12-2011	30-12-2011	Second Class	RR-19525	Rick Reed	Corporate	Santo Domingo	Santo Domingo	Dominican Republic		LATAM	Caribbean	TEC-PH-100	Technology	Phones	Samsung Sr	1696.64	5	0.2	-148.46	704.06	Critical	
33	10648	ES-2012-587	17-07-2012	19-07-2012	First Class	BS-11365	Bill Shonell	Corporate	Saint-Brieuc	Brittany	France		EU	Central	TEC-MA-100	Technology	Machines	Okidata Ink	2402.865	9	0.15	763.155	699.55	Critical	
34	32735	CA-2012-13	15-10-2012	15-10-2012	Same Day	JE-15745	Joel Eaton	Consumer	Amarillo	Texas	United States	79109	US	Central	FUR-CH-100	Furniture	Chairs	HON 5400 S	2453.43	5	0.3	-350.49	690.42	High	
35	21286	IN-2011-280	03-11-2011	05-11-2011	Second Class	DP-13105	Dave Polrie	Corporate	Gold Coast	Queensland	Australia		APAC	Oceania	OFF-AP-100	Office Supply	Appliances	Breville Stc	2526.93	5	0.1	561.48	689.8	Critical	
36	32543	CA-2011-16	12-12-2011	14-12-2011	Second Class	KP-18700	Nora Preis	Consumer	Fresno	California	United States	93727	US	West	FUR-TH-100	Furniture	Tables	Bretford Re	3610.848	12	0.2	135.4068	683.12	High	
37	47905	CG-2011-86	14-09-2011	15-09-2011	First Class	AH-30	Aaron Hawl	Corporate	Kamina	Katanga	Democratic Republic of Africa		Africa	Africa	TEC-APP-10	Technology	Phones	Apple Smar	3817.26	6	0	1068.66	678.15	High	
38	36423	CA-2011-16	14-09-2011	14-09-2011	Same Day	DM-13015	Darinn Mart	Consumer	New York	New York	United States	10009	US	East	TEC-MA-100	Technology	Machines	Ativa V411	2799.96	4	0	1371.9804	675.15	High	
39	31980	US-2014-16	05-11-2014	05-11-2014	Same Day	GT-14635	Grant Thorri	Corporate	Burlington	North Carolina	United States	27217	US	South	TEC-MA-100	Technology	Machines	Cubify Cubi	7999.98	4	0.5	-3839.99	674.82	High	
40	15380	ES-2014-26	14-01-2014	18-01-2014	Standard Class	CPD-18865	Patrick O'Di	Consumer	Stockton-on-Aire	England	United Kingdom		EU	North	TEC-CO-100	Technology	Copiers	Brother Fax	4141.02	13	0	1697.67	668.96	High	
41	38466	IN-2011-61	11-10-2011	11-11-2011	First Class	DL-13665	Dan Sauer	Consumer	Brisbane	Queensland	Australia		APAC	Oceania	TEC-PH-100	Technology	Phones	Nokia Smar	7876.486	6	0.1	511.406	665.77	Medium	

Load The Dataset :



Prepare Data:

IBM Cognos Analytics with Watson

New data module

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Search content

?

Data module

Search

Global_Su...tore2.csv

Row Id

Row ID

Order ID

Order Date

Ship Date

Ship Mode

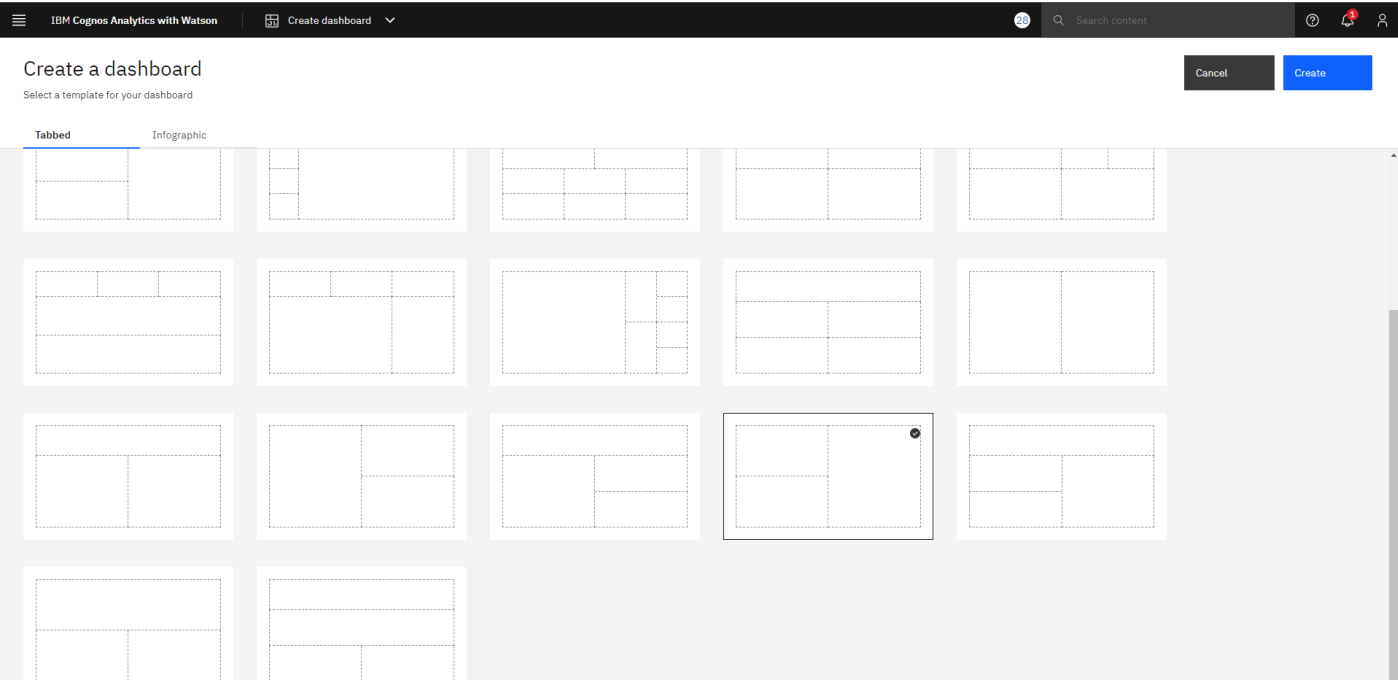
Customer ID

Customer Name

Segment

Grid	Relationships	Custom tables							
T1	Row Id	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment
	1	32298	CA-2012-124891	2012-07-31	2012-07-31	Same Day	RH-19495	Rick Hansen	Consumer
	2	26341	IN-2013-77878	2013-02-05	2013-02-07	Second Class	JR-16210	Justin Ritter	Corporate
	3	25330	IN-2013-71249	2013-10-17	2013-10-18	First Class	CR-12730	Craig Reiter	Consumer
	4	13524	ES-2013-1579342	2013-01-28	2013-01-30	First Class	KM-16375	Katherine Murray	Home Office
	5	47221	SG-2013-4320	2013-11-05	2013-11-06	Same Day	RH-9495	Rick Hansen	Consumer
	6	22732	IN-2013-42360	2013-06-28	2013-07-01	Second Class	JM-15655	Jim Mitchum	Corporate
	7	30570	IN-2011-81826	2011-11-07	2011-11-09	First Class	TS-21340	Toby Swindell	Consumer
	8	31192	IN-2012-86369	2012-04-14	2012-04-18	Standard Class	MB-18085	Mick Brown	Consumer
	9	40155	CA-2014-135909	2014-10-14	2014-10-21	Standard Class	JW-15220	Jane Waco	Corporate
	10	40936	CA-2012-116638	2012-01-28	2012-01-31	Second Class	JH-15985	Joseph Holt	Consumer
	11	34577	CA-2011-102988	2011-04-05	2011-04-09	Second Class	GM-14695	Greg Maxwell	Corporate
	12	28879	ID-2012-28402	2012-04-19	2012-04-22	First Class	AJ-10780	Anthony Jacobs	Corporate
	13	45794	SA-2011-1830	2011-12-27	2011-12-29	Second Class	MM-7260	Magdelene Morse	Consumer
	14	4132	MX-2012-130015	2012-11-13	2012-11-13	Same Day	VF-21715	Vicky Freymann	Home Office

Create Dashboard :



Dashboard :

