

WORKING WITH DATASET

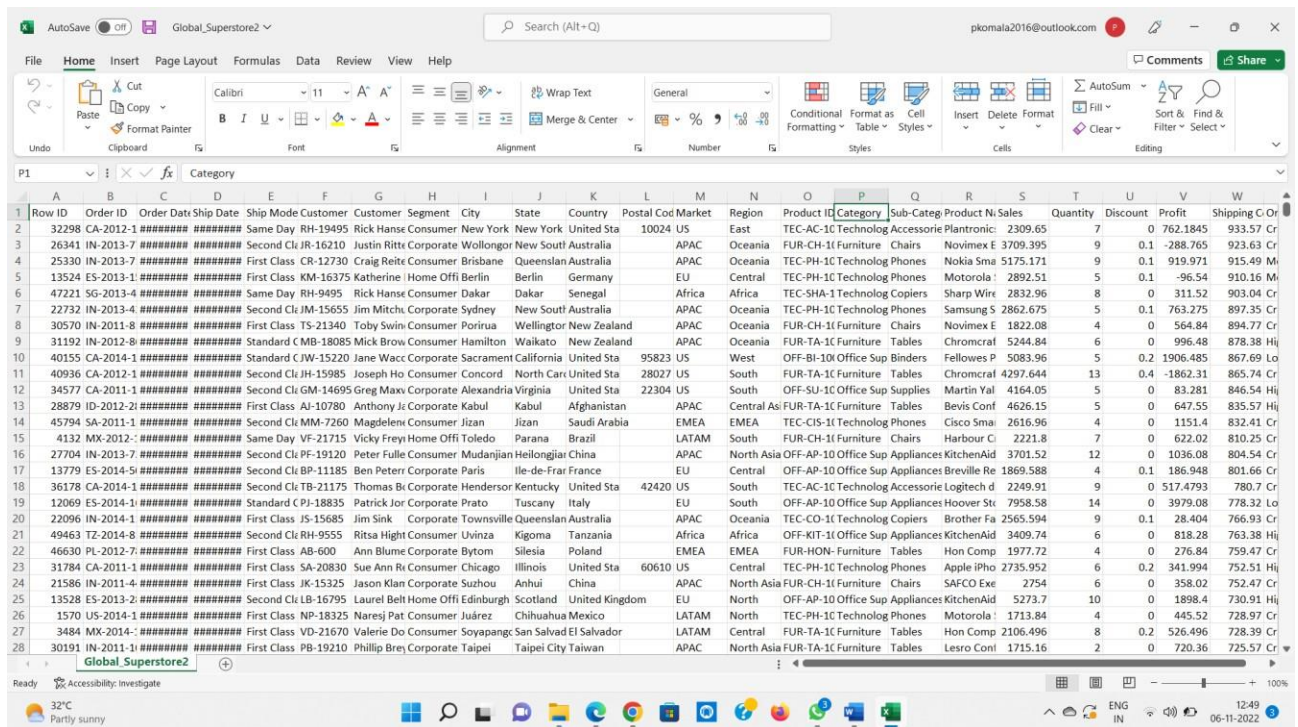
LOADING THE DATASET

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Team ID	PNT2022TMID20211
Project Name	Project-Global Sales Data Analytics

IBM COGNOS ANALYTICS: One must connect data to IBM Cognos before can create a view and perform any analysis. Cognos allows users to connect to a wide range of data that is kept in various locations.

DATASET:



Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer	Customer Segment	City	State	Country	Postal Code	Market	Region	Product ID	Category	Sub-Category	Product Name	Sales	Quantity	Discount	Profit	Shipping Cost
32298	CA-2012-1	2012-01-01	2012-01-01	Standard	Rick Hans Consumer	Consumer	New York	New York	United States	10024	US	East	TEC-AC-1C	Technology	Accessories	Plantronics	2309.65	7	0	762.1845	933.57
26341	IN-2013-7	2013-07-01	2013-07-01	Second Class	Justin Ritts Corporate	Corporate	Wollongong	New South Wales	Australia		APAC	Oceania	FUR-CH-1C	Furniture	Chairs	Novimex E	3709.395	9	0.1	-288.765	923.63
25330	IN-2013-7	2013-07-01	2013-07-01	First Class	Craig Reite Consumer	Consumer	Brisbane	Queensland	Australia		APAC	Oceania	TEC-PH-1C	Technology	Phones	Nokia Sma	5175.171	9	0.1	919.971	915.49
13524	ES-2013-1	2013-01-01	2013-01-01	First Class	Katherine Home	Home Office	Berlin	Berlin	Germany		EU	Central	TEC-PH-1C	Technology	Phones	Motorola	2892.51	5	0.1	-96.54	910.16
47221	SG-2013-4	2013-04-01	2013-04-01	Same Day	Rick Hans Consumer	Consumer	Dakar	Dakar	Senegal		Africa	Africa	TEC-SHA-1C	Technology	Copiers	Sharp Wire	2832.96	8	0	311.52	903.04
22732	IN-2013-4	2013-04-01	2013-04-01	Second Class	Jim Mitch Corporate	Corporate	Sydney	New South Wales	Australia		APAC	Oceania	TEC-PH-1C	Technology	Phones	Samsung S	2862.675	5	0.1	763.275	897.35
30570	IN-2011-8	2011-08-01	2011-08-01	First Class	Toby Swin Consumer	Consumer	Porirua	Wellington	New Zealand		APAC	Oceania	FUR-CH-1C	Furniture	Chairs	Novimex E	1822.08	4	0	564.84	894.77
31192	IN-2012-8	2012-08-01	2012-08-01	Standard	Mick Brown Consumer	Consumer	Hamilton	Waikato	New Zealand		APAC	Oceania	FUR-TA-1C	Furniture	Tables	Chromicraf	5244.84	6	0	996.48	878.38
40155	CA-2014-1	2014-01-01	2014-01-01	Standard	Jane Wacc Corporate	Corporate	Sacramento	California	United States	95823	US	West	OFF-BI-10C	Office Supplies	Binders	Fellowes P	5083.96	5	0.2	1906.485	867.69
40936	CA-2012-1	2012-01-01	2012-01-01	Second Class	Joseph Ho Consumer	Consumer	Concord	North Carolina	United States	28027	US	South	FUR-TA-1C	Furniture	Tables	Chromicraf	4297.644	13	0.4	-1862.31	865.74
34577	CA-2011-1	2011-01-01	2011-01-01	Second Class	Greg Max Corporate	Corporate	Alexandria	Virginia	United States	22304	US	South	OFF-SU-1C	Office Supplies	Supplies	Martin Yal	4164.05	5	0	83.281	846.54
28879	ID-2012-2	2012-02-01	2012-02-01	First Class	Anthony Ji Corporate	Corporate	Kabul	Kabul	Afghanistan		APAC	Central Asia	FUR-TA-1C	Furniture	Tables	Bevis Conf	4626.15	5	0	647.55	835.57
45794	SA-2011-1	2011-01-01	2011-01-01	Second Class	Magdalena Consumer	Consumer	Jizan	Jizan	Saudi Arabia		EMEA	EMEA	TEC-CIS-1C	Technology	Phones	Cisco Sma	2616.96	4	0	1151.4	832.41
4132	MX-2012-1	2012-01-01	2012-01-01	Same Day	Vicky Frey Home	Home Office	Toledo	Parana	Brazil		LATAM	South	FUR-CH-1C	Furniture	Chairs	Harbour C	2221.8	7	0	622.02	810.25
27704	IN-2013-7	2013-07-01	2013-07-01	Second Class	Peter Full Consumer	Consumer	Mudanjiang	Heilongjiang	China		APAC	North Asia	OFF-AP-10C	Office Supplies	Appliances	KitchenAid	3701.52	12	0	1036.08	804.54
13779	ES-2014-5	2014-05-01	2014-05-01	Second Class	Ben Peterr Corporate	Corporate	Paris	Ile-de-France	France		EU	Central	OFF-AP-10C	Office Supplies	Appliances	Breville Re	1869.588	4	0.1	186.948	801.66
36178	CA-2014-1	2014-01-01	2014-01-01	Second Class	Thomas B Corporate	Corporate	Henderson	Kentucky	United States	42420	US	South	TEC-AC-1C	Technology	Accessories	Logitech d	2249.91	9	0	517.4793	780.7
12069	IN-2014-1	2014-01-01	2014-01-01	Standard	Patrick Jor Corporate	Corporate	Prato	Tuscany	Italy		EU	South	OFF-AP-10C	Office Supplies	Appliances	Hoover St	7958.58	14	0	3979.08	778.32
22096	IN-2014-1	2014-01-01	2014-01-01	First Class	Jim Sink Corporate	Corporate	Townsville	Queensland	Australia		APAC	Oceania	TEC-CO-1C	Technology	Copiers	Brother Fa	2565.594	9	0.1	28.404	766.93
49463	TZ-2014-8	2014-08-01	2014-08-01	Second Class	Ritsa Hight Consumer	Consumer	Uvinza	Kigoma	Tanzania		Africa	Africa	OFF-KIT-1C	Office Supplies	Appliances	KitchenAid	3409.74	6	0	818.28	763.38
46630	PL-2012-7	2012-07-01	2012-07-01	First Class	Ann Blume Corporate	Corporate	Bytom	Silesia	Poland		EMEA	EMEA	FUR-HON-1C	Furniture	Tables	Hon Comp	1977.72	4	0	276.84	759.47
31784	CA-2011-1	2011-01-01	2011-01-01	First Class	Sue Ann R Consumer	Consumer	Chicago	Illinois	United States	60610	US	Central	TEC-PH-1C	Technology	Phones	Apple IPO	2735.952	6	0.2	341.994	752.51
21586	IN-2011-4	2011-04-01	2011-04-01	First Class	Jason Klan Corporate	Corporate	Suzhou	Anhui	China		APAC	North Asia	FUR-CH-1C	Furniture	Chairs	SAFCO Exe	2754	6	0	358.02	752.47
13528	ES-2013-2	2013-02-01	2013-02-01	Second Class	Laurel Belt Home	Home Office	Edinburgh	Scotland	United Kingdom		EU	North	OFF-AP-10C	Office Supplies	Appliances	KitchenAid	5273.7	10	0	1898.4	730.91
1570	US-2014-1	2014-01-01	2014-01-01	First Class	Naresj Pat Consumer	Consumer	Juarez	Chihuahua	Mexico		LATAM	North	TEC-PH-1C	Technology	Phones	Motorola	1713.84	4	0	445.52	728.97
3484	MX-2014-1	2014-01-01	2014-01-01	First Class	Valerie Do Consumer	Consumer	Soyapang	San Salvador	El Salvador		LATAM	Central	FUR-TA-1C	Furniture	Tables	Hon Comp	2106.496	8	0.2	526.496	728.39
30191	IN-2011-1	2011-01-01	2011-01-01	First Class	Phillip Bre Corporate	Corporate	Taipei	Taipei City	Taiwan		APAC	North Asia	FUR-TA-1C	Furniture	Tables	Lesro Conl	1715.16	2	0	720.36	725.57

IBM COGNOS:

The screenshot shows the IBM Cognos Analytics with Watson homepage in a web browser. The address bar displays the URL `us3.ca.analytics.ibm.com/bi/?perspective=home`. The page features a dark blue header with the IBM Cognos Analytics with Watson logo and a search bar. Below the header, a large banner area contains the text "Hello. Welcome to Cognos Analytics with Watson." and a sub-header "You can get started right away by taking a look at our introduction video, product tour and Getting Started tab." Two buttons, "Watch video" and "Take a product tour", are visible. To the right of the text is a 3D isometric illustration of data cubes and a person at a computer. Below the banner, a "Quick launch" section displays four tiles: "Upload data" (with an upward arrow icon), "Prepare data" (with a cube icon), "Exploration" (with a magnifying glass icon), and "Present data" (with a bar chart icon). The Windows taskbar at the bottom shows the search bar, task view button, and several application icons, including a file explorer window.

Uploading the dataset:

This screenshot illustrates the process of uploading a dataset to IBM Cognos Analytics. A Windows File Explorer window is open, showing the contents of the "Documents > IBM_Project" folder. The folder contains three files: "50_Startups" (Microsoft Excel, modified 9/12/2022 10:50 AM), "Global_Superstore2" (Microsoft Excel, modified 7/30/2020 1:27 PM), and "Pharma_Monthly_Sales" (Microsoft Excel, modified 9/21/2022 12:11 PM). The "Global_Superstore2" file is selected, and its name is entered in the "File name" field at the bottom of the window. The "Open" button is visible. In the background, the IBM Cognos Analytics homepage is visible, showing the "Quick launch" section with the "Upload data" tile highlighted. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons, including a file explorer window.

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32

Search content

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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](#)

Global_Superstore2.csv was uploaded successfully.

Hide Details

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 explor...

Present data

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

Type here to search

29°C Mostly sunny ^📶🔋ENG 9:29 AM 10/19/2022

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32

Search content

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11

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☰

Global_Superstore2.csv

Last Accessed 10/18/2022, 10:59 PM

CSV

📄

dashboard

Last Accessed 9/26/2022, 2:15 AM

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C_C.Sales by Month

Last Accessed 9/26/2022, 1:36 AM

📅

C_C.Sales trend

Last Accessed 9/26/2022, 1:08 AM

📅

C_C.Sales by Sales Rep

Last Accessed 9/26/2022, 12:36 AM

📅

C_C.Sales by Location

Last Accessed 9/26/2022, 12:30 AM

📅

C_C.Sales sized by Customer

Last Accessed 9/26/2022, 12:23 AM

📅

Pharma_Monthly_Sales_data...

Last Accessed 9/26/2022, 12:20 AM

📅

Actual and Received Inventory by Month

Received Inventory by Supplier

Inventory Stock by Warehouse Locations

monthly sales

Type here to search

29°C Mostly sunny ^📶🔋ENG 9:29 AM 10/19/2022