

Project Development Phase

Delivery of Sprint-1

Date	10 November 2022
Team ID	PNT2022TMID31896
Project Name	Global Sales Data Analytics

Project Development Phase:

[Guided Project](#) [Project Workspace](#) [Chat with Mentor](#)

IBM Cognos Analytics

Working With The Dataset

Understanding The Dataset

Dataset

Loading The Dataset

Prepare The Datasets

Data Visualization Charts

Ideation Phase

Project Design Phase - I

Project Design Phase -II

Project Planning Phase

Project Development Phase

Project Development Phase

In this milestone you will start the project development and expected to perform the coding & solutioning, acceptance testing, performance testing based as per the sprint and submit them.

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New Notebook

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Global Super Store Dataset

Consumer and product Analytics on Global Super Store Data.

Data

Code (9)

Discussion (2)

About Dataset

Context

Shopping online is currently the need of the hour. Because of this COVID, it's not easy to walk in a store randomly and buy anything you want. I this I am trying to understand a few things like

- Customers Analysis

- Profile the customers based on their frequency of purchase - calculate frequency of purchase for each customer
- Do the high frequent customers are contributing more revenue

Usability 8.24


License Database: Open Database, Cont...



Expected update frequency Monthly

Data Collection:

FileHomeInsertPage LayoutFormulasDataReviewViewHelp																												CommentsShare	
<div>UndoPasteFormat PainterClipboardFontFontAlignementNumberStylesCellsEditing</div>																													
J12Virginia																													
1	Order ID	Order Date	Ship Date	Ship Mode	Customer	Customer Segment	City	State	Country	Postal	Co	Market	Region	Product	IC Category	Sub-Cat	Product N	Sales	Quantity	Discount	Profit	Shipping C	Order Priority						
2	CA-2012-131-07-2012	31-07-2012	Same Day RH-19495	Rick Hans	Consumer	New York	New York	United Sta		10024	US	East	TEC-AC-11	Technolog	Accessori	Plantroni	2309.65	7	0	762.185	933.57	Critical							
3	IN-2013-7-05-02-2013	07-02-2013	Second CL RH-16210	Justin Ritt	Corporate	Wollongong	New South	Australia			APAC	Oceania	FUR-CH-11	Furniture	Chairs	Novimex I	3709.4	9	0.1	-288.765	923.63	Critical							
4	IN-2013-7-17-10-2013	18-10-2013	First Class CR-12730	Craig Relt	Consumer	Brisbane	Queenslan	Australia			APAC	Oceania	TEC-PH-11	Technolog	Phones	Nokia Sm	5175.17	9	0.1	919.971	915.49	Medium							
5	ES-2013-1-28-01-2013	30-01-2013	First Class KM-16375	Katherine	Home	Off Berlin	Berlin	Germany			EU	Central	TEC-PH-11	Technolog	Phones	Motorola	2892.51	5	0.1	-96.54	910.16	Medium							
6	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 Win	2832.96	8	0	311.52	903.04	Critical							
7	IN-2013-4-28-06-2013	01-07-2013	Second CL IM-15655	Jim Mitch	Corporate	Sydney	New South	Australia			APAC	Oceania	TEC-PH-11	Technolog	Phones	Samsung	2862.68	5	0.1	763.275	897.35	Critical							
8	IN-2011-8-07-11-2011	09-11-2011	First Class TS-21340	Toby Swin	Consumer	Portvira	Wellington	New Zealand			APAC	Oceania	FUR-CH-11	Furniture	Chairs	Novimex I	1822.08	4	0	564.84	894.77	Critical							
9	IN-2012-8-14-04-2012	18-04-2012	Standard (MB-1808)	Mick Bros	Consumer	Hamilton	Waikato	New Zealand			APAC	Oceania	FUR-TA-11	Furniture	Tables	Chromcra	5244.84	6	0	996.48	878.38	High							
10	CA-2014-114-10-2014	21-10-2014	Standard (JW-1522)	Jane Waco	Corporate	Sacramen	California	United Sta		95823	US	West	OFF-BI-10	Office Sup	Binders	Fellowes F	5083.96	5	0.2	1906.49	867.69	Low							
11	CA-2012-128-01-2012	31-01-2012	Second CL JH-15985	Joseph Ho	Consumer	Concord	North Can	United Sta		28027	US	South	FUR-TA-11	Furniture	Tables	Chromcra	4297.64	13	0.4	-1862.31	865.74	Critical							
12	CA-2011-305-04-2011	09-04-2011	Second CL GM-14695	Greg Marx	Corporate	Alexandri	Virginia	United Sta		22304	US	South	OFF-SU-11	Office Sup	Supplies	Martin Yai	4164.05	5	0	83.281	846.54	High							
13	ID-2012-2-19-04-2012	22-04-2012	First Class AU-10780	Anthony A	Corporate	Kabul	Kabul	Afghanistan			APAC	Central As	FUR-TA-11	Furniture	Tables	Beviss Con	4626.15	5	0	647.55	835.57	High							
14	SA-2011-127-12-2011	29-12-2011	Second CL MM-7260	Magdelen	Consumer	Jizan	Jizan	Saudi Arabia			EMEA	EMEA	TEC-CIS-11	Technolog	Phones	Cisco Sma	2616.96	4	0	1151.4	832.41	Critical							
15	MX-2012-13-11-2012	13-11-2012	Same Day VF-21715	Vicky Frey	Home	Off Toledo	Parana	Brazil			LATAM	South	FUR-CH-11	Furniture	Chairs	Harbour C	2221.8	7	0	622.02	810.25	Critical							
16	IN-2013-7-06-06-2013	08-06-2013	Second CL PF-19120	Peter Fulli	Consumer	Mudanjar	Heilongjia	China			APAC	North Asia	OFF-AP-11	Office Sup	Appliance	KitchenAix	3701.52	12	0	1036.08	804.54	Critical							
17	ES-2014-5-31-07-2014	03-08-2014	Second CL BP-11180	Ben Peten	Corporate	Paris	Ile-de-Frai	France			EU	Central	OFF-AP-11	Office Sup	Appliance	Breville Ri	1869.59	4	0.1	186.948	801.66	Critical							
18	CA-2014-103-11-2014	06-11-2014	Second CL TB-21175	Thomas R	Corporate	Henderson	Kentucky	United Sta		42420	US	South	TEC-AC-11	Technolog	Accessori	Logitech	2249.91	9	0	517.479	780.7	Critical							
19	ES-2014-1-08-09-2014	14-09-2014	Standard (PI-18835	Patrick Jos	Corporate	Prato	Tuscany	Italy			EU	South	OFF-AP-11	Office Sup	Appliance	Hoover Sti	7958.58	14	0	3979.08	778.32	Low							
20	IN-2014-1-31-01-2014	01-02-2014	First Class JS-15685	Jim Sink	Corporate	Townsvill	Queenslan	Australia			APAC	Oceania	TEC-CO-11	Technolog	Copiers	Brother Fa	2565.59	9	0.1	28.404	766.93	Critical							
21	TZ-2014-8-05-12-2014	07-12-2014	Second CL RH-9555	Ritsa High	Consumer	Uvina	Kigoma	Tanzania			AFRICA	AFRICA	OFF-KIT-11	Office Sup	Appliance	KitchenAix	3409.74	6	0	818.28	763.38	High							
22	PL-2012-7-08-08-2012	10-08-2012	First Class AB-600	Ann Blum	Corporate	Bytom	Silesia	Poland			EMEA	EMEA	FUR-HON-11	Furniture	Tables	Hon Comp	1977.72	4	0	276.84	759.47	Critical							
23	CA-2011-129-10-2011	31-10-2011	First Class SA-20830	Sue Ann R	Consumer	Chicago	Illinois	United Sta		60610	US	Central	TEC-PH-11	Technolog	Phones	Apple iPh	2735.95	6	0.2	341.994	752.53	High							
24	IN-2011-4-02-05-2011	03-05-2011	First Class JK-15325	Jason Klar	Corporate	Suzhou	Anhui	China			APAC	North Asia	FUR-CH-11	Furniture	Chairs	SAFCO Ew	2754	6	0	358.02	752.47	Critical							
25	ES-2013-2-27-02-2013	01-03-2013	Second CL LB-16795	Laurel Bel	Home	Off Edinburgh	Scotland	United Kingdom			EU	North	OFF-AP-11	Office Sup	Appliance	KitchenAix	5273.7	10	0	1898.4	730.91	High							
26	US-2014-1-31-07-2014	01-08-2014	First Class NP-18325	Naresj Pat	Consumer	Juarez	Chihuahua	Mexico			LATAM	North	TEC-PH-11	Technolog	Phones	Motorola	1713.84	4	0	445.52	728.97	Critical							
27	MX-2014-05-09-2014	08-09-2014	First Class VD-21670	Valerie De	Consumer	Soyapang	San Salvad	El Salvador			LATAM	Central	FUR-TA-11	Furniture	Tables	Hon Comp	2106.5	8	0.2	526.496	728.39	Critical							
28	IN-2011-1-17-12-2011	20-12-2011	First Class PB-19210	Phillip Bre	Corporate	Taipei	Taipei Ch	Taiwan			APAC	North Asia	FUR-TA-11	Furniture	Tables	Lesro Con	1715.16	2	0	720.36	725.57	Critical							
29	ES-2011-4-14-03-2011	17-03-2011	Second CL EB-14110	Eugene Bi	Consumer	Leipzig	Saxony	Germany			EU	Central	OFF-AP-11	Office Sup	Appliance	Hoover Sti	3069.74	6	0.1	1364.24	725.34	Critical							
30	CA-2013-111-03-2013	12-03-2013	First Class KF-16285	Karen Ferq	Home	Off Los Angel	California	United Sta		90008	US	West	TEC-PH-11	Technolog	Phones	Apple iPh	4158.91	8	0.2	363.905	714.66	High							
31	IN-2012-4-25-02-2012	25-02-2012	Same Day BP-11230	Benjamin	Consumer	Surat	Gujarat	India			APAC	Central As	FUR-CH-11	Furniture	Chairs	Office Sta	1878.72	4	0	582.36	704.08	Critical							
32	US-2011-128-12-2011	30-12-2011	Second CL RR-19525	Rick Reed	Corporate	Santo Don	Santo Don	Dominican Republic			LATAM	Caribbean	TEC-PH-11	Technolog	Phones	Samsung	1696.64	5	0.2	-148.46	704.06	Critical							
33	ES-2012-5-17-07-2012	19-07-2012	First Class BS-11365	Bill Shone	Corporate	Saint-Brie	Brittany	France			EU	Central	TEC-MA-11	Technolog	Machines	Okidata Ir	2402.87	9	0.15	763.155	699.55	Critical							
34	CA-2012-111-10-2012	11-10-2012	Same Day JF-15745	Joel Eaton	Consumer	Amarillo	Texas	United Sta		79109	US	Central	FUR-CH-11	Furniture	Chairs	HON S400	7453.43	5	0.3	-350.69	690.47	High							
Global Superstore2																													

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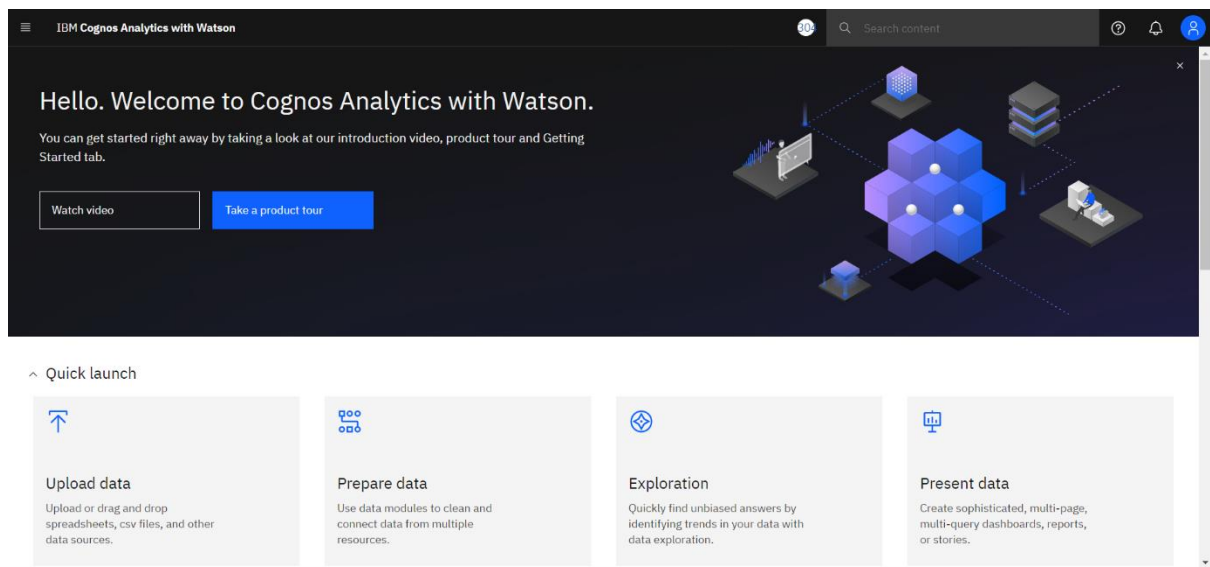
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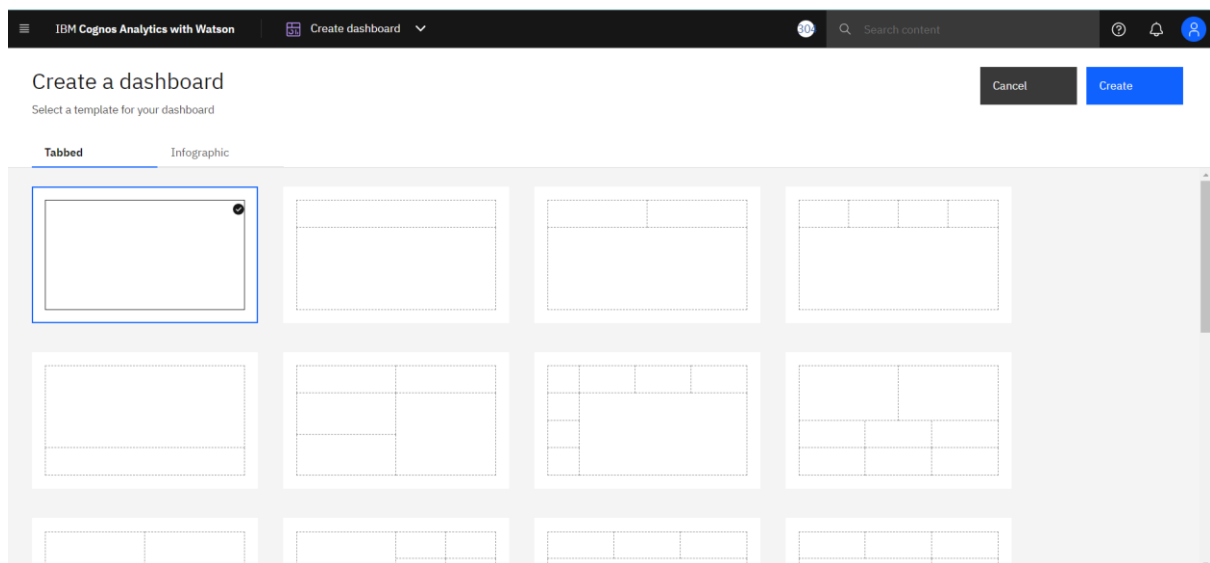
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Uploading Dataset In IBM Cognos Analytics:



Creating New Dashboard:



Understanding The Dataset:

The screenshot displays the IBM Cognos Analytics interface. At the top, the header bar includes the text "IBM Cognos Analytics with Watson", a "New dashboard" button, a search bar, and user profile icons. Below the header, a toolbar contains icons for "Edit", "Share", "Refresh", "Undo", "Redo", and "Help". The main workspace is divided into three sections:

- Left Panel (Selected sources):** This panel shows the "Global_Superstore2.csv" dataset. Below the dataset name is a search bar. A tree view under "Global_Superstore2.csv" lists the following fields:
 - Navigation paths
 - Global_Superstore2.csv
 - # Row ID
 - Order ID
 - Order Date
 - Ship Date
 - Ship Mode
 - Customer ID
 - Customer Name
 - Segment
 - City
 - State
 - Country
 - Postal Code
 - Market
- Top Center Panel (All tabs):** This panel contains the text "Drag and drop data here to filter all tabs."
- Right Panel (This tab):** This panel contains the text "Drag and drop data here to filter this tab."

The main workspace area is currently empty, showing a grid pattern. The top of the workspace has tabs labeled "Tab 1" and a "+" icon to add more tabs.