

PROJECT DEVELOPMENT PHASE

Delivery of Sprint-1

Date	29 October 2022
Team ID	PNT2022TMID13158
Project Name	Global Sales Data Analytics
Team Leader	Hari Haran J

PROJECT DEVELOPMENT PHASE:

The screenshot displays a project management interface with three tabs: PROJECT DETAILS, TASK & PROGRESS, and MENTOR REVIEW. The PROJECT DETAILS tab is active, showing a hierarchical list of tasks for 'Global Sales Data Analytics'. The tasks are: Solution Requirements, Project Objectives, Project Flow, IBM Cloud Account, IBM Cognos Analytics, Working With The Dataset (expanded), Understanding The Dataset (expanded), 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 (expanded), and Project Development - Delivery Of Sprint-1. The TASK & PROGRESS tab shows the 'Project Development Phase' with a description: '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.'

DOWNLOADING DATASET FROM KAGGLE:

The screenshot shows the Kaggle dataset page for 'Global Super Store Dataset' by APOORVA MAHALINGAPPA, updated 2 years ago. The page includes a search bar, a 'New Notebook' button, and a 'Download (12 MB)' button. The dataset description is 'Consumer and product Analytics on Global Super Store Data.' The page also features a 'Data' tab, a 'Code (9)' tab, and a 'Discussion (2)' tab. The 'About Dataset' section includes a 'Context' section with the text: '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'. The 'Usability' section shows a score of 8.24. The 'License' section shows 'Database: Open Database, Cont...'. The 'Expected update frequency' section shows 'Monthly'. The URL at the bottom is <https://www.kaggle.com/datasets/apoorvaappz/global-super-store-dataset/download?datasetVersionNumber=2>.

DATA COLLECTION:

ExcelFileEditViewInsertFormatToolsDataWindowHelp

Tue 15 Nov 7:17:19 PMHari Haran J

Global_Superstore2

HomeInsertDrawPage LayoutFormulasDataReviewViewTell me

Calibri (Body)12

General

Conditional Format as Table

Cell Styles

Insert >Delete >Format >

Sort & FilterFind & SelectAnalyse DataSensitivity

Possible Data LossSome features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

Save As...

Row ID	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
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	
2	32298	CA-2012-124	31/07/12	31/07/12	Same Day	RH-19495	Rick Hansen	Consumer	New York	City	New York	United States	10024	US	East	TEC-AC-1000	Technology	Accessories	Plantronics C	2309.65	7	
3	26341	IN-2013-778	05/02/13	07/02/13	Second Class	JR-16210	Justin Ritter	Corporate	Wellington	New South Wales	Australia	APAC	Oceania	FUR-CH-1001	Furniture	Chairs	Novimex E	3709.395	9			
4	25330	IN-2013-712	17/10/13	18/10/13	First Class	CR-12730	Craig Reiter	Consumer	Brisbane	Queensland	Australia	APAC	Oceania	TEC-PH-1000	Technology	Phones	Nokia Smart	5175.171	9			
5	13524	ES-2013-157	28/01/13	30/01/13	First Class	KM-16375	Katherine Mi	Home Office	Berlin	Berlin	Germany	EU	Central	TEC-PH-1000	Technology	Phones	Motorola Sm	2892.51	5			
6	47221	SG-2013-431	05/11/13	06/11/13	Same Day	RH-9495	Rick Hansen	Consumer	Dakar	Dakar	Senegal	Africa	Africa	TEC-SHA-10C	Technology	Copiers	Sharp Wirele	2832.96	8			
7	22732	IN-2013-423	28/06/13	01/07/13	Second Class	JM-15655	Jim Mitchum	Corporate	Sydney	New South Wales	Australia	APAC	Oceania	TEC-PH-1000	Technology	Phones	Samsung Sm	2862.075	5			
8	30570	IN-2011-818	07/11/11	09/11/11	First Class	TS-21340	Toby Swindle	Consumer	Porirua	Wellington	New Zealand	APAC	Oceania	FUR-CH-1001	Furniture	Chairs	Novimex E	1822.08	4			
9	31192	IN-2012-863	14/04/12	18/04/12	Standard Cla	MB-18085	Mick Brown	Consumer	Hamilton	Waikato	New Zealand	APAC	Oceania	FUR-TA-1001	Furniture	Tables	Chromcraft C	5244.84	6			
10	40155	CA-2014-135	14/10/14	21/10/14	Standard Cla	JW-15320	Jane Waco	Corporate	Sacramento	California	United States	95823	US	West	OFF-BI-1000	Office Supply	Suppl Bibles	Fellowes PB	5083.96	5		
11	40936	CA-2012-116	28/01/12	31/01/12	Second Class	JH-15985	Joseph Holt	Consumer	Concord	North Caroli	United States	28027	US	South	FUR-TA-1001	Furniture	Tables	Chromcraft E	4297.644	13		
12	34577	CA-2011-102	05/04/11	09/04/11	Second Class	GM-14695	Greg Maxwe	Corporate	Alexandria	Virginia	United States	22304	US	South	OFF-SU-1001	Office Supply	Supplies	Martin Vale	4164.05	5		
13	28879	ID-2012-284	19/04/12	22/04/12	First Class	AI-10780	Anthony Jacc	Corporate	Kabul	Kabul	Afghanistan	APAC	Central Asia	FUR-TA-1001	Furniture	Tables	Bevis Confer	4626.15	5			
14	45794	SA-2011-183	27/12/11	29/12/11	Second Class	MM-7260	Magdelene	Consumer	Jizan	Saudi Arabia	EMEA	EMEA	TEC-CS-100X	Technology	Phones	Cisco Smart	2616.96	4				
15	4132	MX-2012-13	13/11/12	13/11/12	Same Day	VF-21715	Vicky Freym	Home Office	Toledo	Parana	Brazil	LATAM	South	FUR-CH-1001	Furniture	Chairs	Harbour Cre	2221.8	7			
16	27704	IN-2013-739	06/06/13	08/06/13	Second Class	PF-19120	Peter Fuller	Consumer	Mudanjiang	Heilongjiang	China	APAC	North Asia	OFF-AP-1001	Office Supply	Appliances	KitchenAid	3701.52	12			
17	13779	IN-2014-509	03/07/14	03/08/14	Second Class	BP-11185	Ben Peterm	Corporate	Paris	Ile-de-France	France	EU	Central	OFF-AP-1001	Office Supply	Appliances	Breville Refr	1869.588	4			
18	36178	CA-2014-143	03/11/14	06/11/14	Second Class	TB-21175	Thomas Bol	Corporate	Henderson	Kentucky	United States	42420	US	South	TEC-AC-1000	Technology	Accessories	Logitech di	2249.91	9		
19	12069	ES-2014-165	08/09/14	14/09/14	Standard Cla	PJ-18835	Patrick Jones	Corporate	Prato	Tuscany	Italy	EU	South	OFF-AP-1001	Office Supply	Appliances	Hoover Stove	7958.58	14			
20	22096	IN-2014-117	31/01/14	01/02/14	First Class	JS-15685	Jim Sirk	Corporate	Townsville	Queensland	Australia	APAC	Oceania	TEC-CD-1001	Technology	Copiers	Brother Fax	2565.594	9			
21	49463	TZ-2014-819	05/12/14	07/12/14	Second Class	RH-9555	Ritsa Hight	Consumer	Uvina	Kigoma	Tanzania	Africa	Africa	OFF-KIT-1001	Office Supply	Appliances	KitchenAid	3409.74	6			
22	46630	PL-2012-782	08/08/12	10/08/12	First Class	AB-600	Ann Blume	Corporate	Bytom	Silesia	Poland	EMEA	EMEA	FUR-HOM-1C	Furniture	Tables	Hon Comput	1977.72	4			
23	31784	CA-2011-154	29/10/11	31/10/11	First Class	SA-20830	Sue Ann Ree	Consumer	Chicago	Illinois	United States	60610	US	Central	TEC-PH-1000	Technology	Phones	Apple iPhone	2735.952	6		
24	21586	IN-2011-448	02/05/11	03/05/11	First Class	JK-15325	Jason Klamc	Corporate	Suzhou	Anhui	China	APAC	North Asia	FUR-CH-1001	Furniture	Chairs	SAFCO Exec	2754	6			
25	13528	ES-2013-286	27/02/13	01/03/13	Second Class	LB-16795	Laurel Beltr	Home Office	Edinburgh	Scotland	United Kingdom	EU	North	OFF-AP-1001	Office Supply	Appliances	KitchenAid	5273.7	10			
26	1570	US-2014-131	31/07/14	01/08/14	First Class	NP-18325	Nareej Patel	Consumer	Juarez	Chihuahua	Mexico	LATAM	North	TEC-PH-1001	Technology	Phones	Motorola Sm	1713.84	4			
27	3484	MX-2014-16	05/09/14	08/09/14	First Class	VD-21670	Valerie Dom	Consumer	Soyapango	San Salvador	El Salvador	LATAM	Central	FUR-TA-1001	Furniture	Tables	Hon Comput	2106.496	8			
28	30191	IN-2011-102	17/12/11	20/12/11	First Class	PB-19210	Phillip Breye	Corporate	Taipei	Taipei City	Taiwan	APAC	North Asia	FUR-TA-1001	Furniture	Tables	Lesro Confer	1715.16	2			
29	11645	ES-2011-469	14/03/11	17/03/11	Second Class	EB-14110	Eugene Barc	Consumer	Leipzig	Saxony	Germany	EU	Central	OFF-AP-1001	Office Supply	Appliances	Hoover Stove	3069.738	6			
30	37311	CA-2013-159	11/03/13	12/03/13	First Class	KF-16285	Karen Fergus	Home Office	Los Angeles	California	United States	90008	US	West	TEC-PH-1000	Technology	Phones	Apple iPhone	4158.912	8		
31	22999	IN-2012-448	25/02/12	25/02/12	Same Day	BP-11230	Benjamin Pa	Consumer	Surat	Gujarat	India	APAC	Central Asia	FUR-CH-1001	Furniture	Chairs	Office Star	1878.72	4			
32	220	US-2011-126	28/12/11	30/12/11	Second Class	RR-19525	Rick Reed	Corporate	Santo Domin	Santo Domin	Dominican Republic	LATAM	Caribbean	TEC-PH-1000	Technology	Phones	Samsung Sm	1696.64	5			
33	10648	ES-2012-587	17/07/12	19/07/12	First Class	BS-11365	Bill Shonely	Corporate	Saint-Brieu	Brittany	France	EU	Central	TEC-MA-1001	Technology	Machines	OkiData Ink	2402.865	9			
34	32735	CA-2012-139	15/10/12	15/10/12	Same Day	JE-15745	Joel Eaton	Consumer	Amarillo	Texas	United States	79109	US	Central	FUR-CH-1001	Furniture	Chairs	HOM S4000	2453.43	5		
35	21286	IN-2011-280	03/11/11	05/11/11	Second Class	DP-13105	Dave Polner	Corporate	Gold Coast	Queensland	Australia	APAC	Oceania	OFF-AP-1001	Office Supply	Appliances	Breville Stov	2526.93	5			
36	32543	CA-2011-168	12/12/11	14/12/11	Second Class	NP-18700	Nora Preis	Consumer	Fresno	California	United States	93727	US	West	FUR-TA-1001	Furniture	Tables	Bretford Rec	3610.848	12		
37	32543	CA-2011-168	12/12/11	14/12/11	Second Class	NP-18700	Nora Preis	Consumer	Fresno	California	United States	93727	US	West	FUR-TA-1001	Furniture	Tables	Bretford Rec	3610.848	12		

Global_Superstore2

ReadyAccessibility: Unavailable

100%

Login into the IBM Cognos Analytics Account

IBM-EPBL/IBM-Project-10140-1655 | My IBM | My IBM | Home

ap2.ca.analytics.ibm.com/bi/?perspective=home

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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

UPLOADING DATASET IN IBM COGNOS ANALYTICS:

The screenshot shows the IBM Cognos Analytics web interface. The browser address bar displays the URL `ap2.ca.analytics.ibm.com/bi/?perspective=home`. The page header includes the IBM Cognos Analytics logo and a search bar. A user profile dropdown menu is open on the right, showing the user's name, email, and options like 'Log out'. The main content area features a 'Quick launch' section with three prominent tiles: 'Upload data', 'Prepare data', and 'Exploration'. The 'Upload data' tile is highlighted, showing instructions to upload or drag and drop spreadsheets, CSV files, and other data sources. Below this, there is a 'Get started' section with links to 'How-to videos', 'Accelerator Catalog', and 'Learning resources'.

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.

Get started Recent

Get up and running in IBM Cognos Analytics

- How-to videos**
Learn how to use IBM Cognos Analytics and start gaining insights into your data.
[Watch videos](#)
- Accelerator Catalog**
Browse a growing catalog of industry use, best practice guides, custom visualizations, and more.
[Browse catalog](#)
- Learning resources**
Expand your knowledge and get assistance by connecting with the community, reading documentation, and watching videos.
[Launch the learn pane](#)

CREATING NEW DASHBOARD:

The screenshot shows the 'Create a dashboard' interface in IBM Cognos Analytics. The page title is 'Create a dashboard' and the subtitle is 'Select a template for your dashboard'. There are two tabs: 'Tabbed' (selected) and 'Infographic'. The main area displays a grid of 16 dashboard templates, each with a different layout of rectangular sections. The templates are arranged in a 4x4 grid. The first template in the top-left corner is highlighted with a blue border. The interface includes a 'Cancel' button and a 'Create' button in the top right corner.

Create a dashboard

Select a template for your dashboard

Tabbed Infographic

Create

UNDERSTANDING THE DATASET:

