

PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-1

Date	29 OCTOBER 2022
TEAM ID	PNT2022TMID18438
PROJECT NAME	GLOBAL SALES DATA ANALYTICS

SPRINT 1: FUNCTIONAL REQUIREMENT

- REGISTRATION
- LOGIN
- FETCH DATASET (KAGGLE API)
- DATASET

IBM COGNOS REGISTRATION

IBM Cognos Analytics with Watson

30


Search content


?

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](#)



**Neathra V S (1d197fc00f...**
neathrasaravanan@gmail.com
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[About](#)[Manage product subscription](#)[Privacy](#)[Cookie Preferences](#)

[IBM Cognos Analytics Mobile](#)


[Log out](#)

Quick launch




Upload data

Upload or drag and drop




Prepare data

Use data modules to clean



Exploration

Quickly find unbiased



Present data

Create sophisticated,

IBM CLOUD LOGIN

The screenshot displays the IBM Cloud dashboard interface. At the top, a navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Neathra V S's Account). The main dashboard area is titled "Dashboard" and features a "For you" section with five recommended cards: "Build" (purple), "Set up your IBM Cloud account" (10 min), "Get Started with the CLI" (10 min), "Build a virtual machine" (7 min), and "Build a Watson" (15 min). Each card includes a "Getting started" button. On the right, a user profile dropdown for "Neathra V S" is open, showing options for Profile, CLI/API login, Privacy, theme change, and a Log out button. The bottom of the dashboard contains three sections: "User access" with a "Manage users" link, a "News" section featuring an article about IBM Tech Now dated November 7, 2022, and a "Planned maintenance" section with a "View all" link.

Webpage login :

Global Sales Data Analytics

 Dashboard

 Sign Up

 Sign In

Welcome back

Enter your email and password to sign in

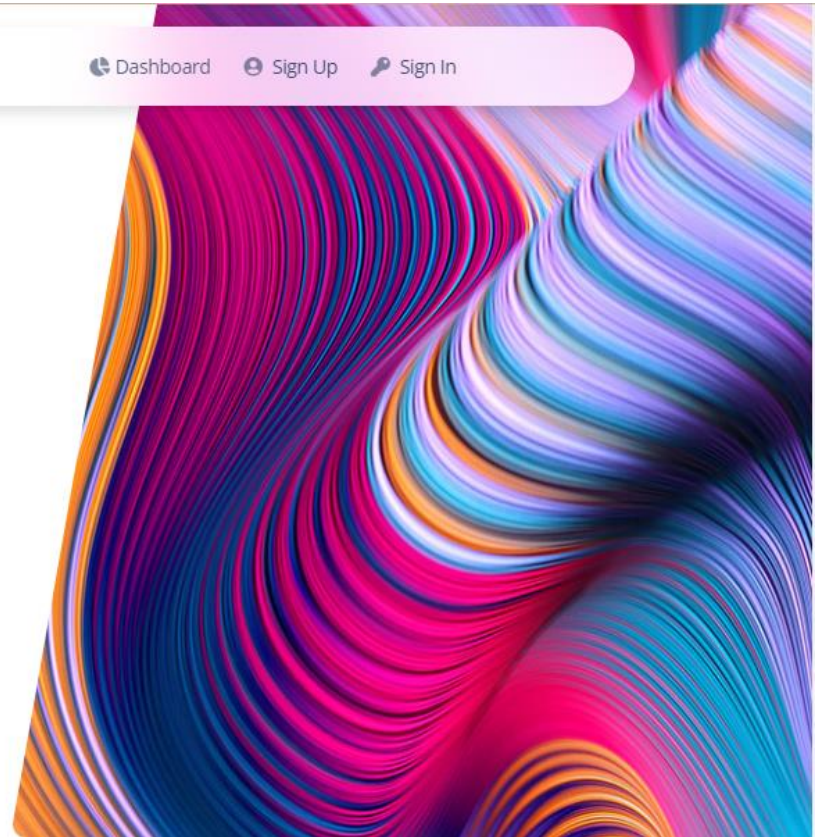
Email

Password

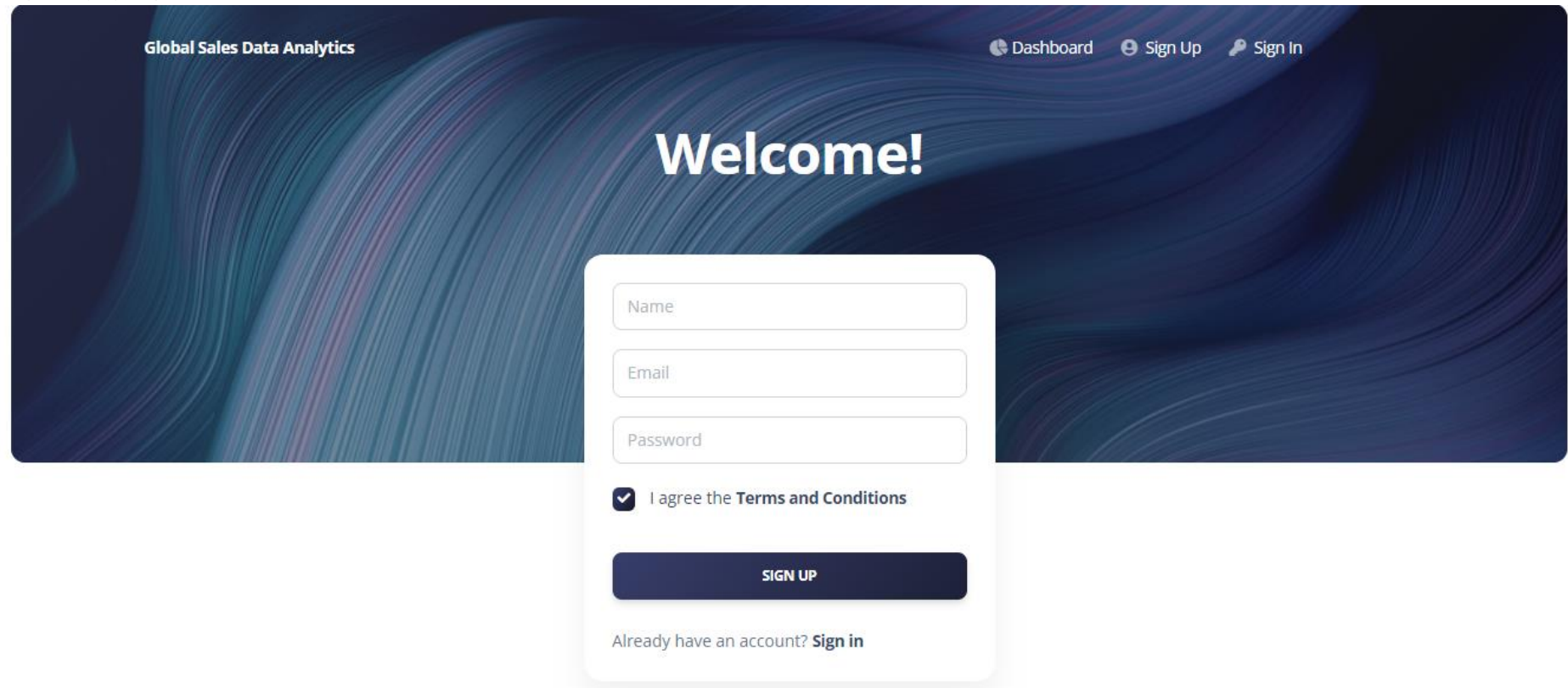
☒ Remember me

SIGN IN

Don't have an account? [Sign up](#)



Sign up page:



The image shows a sign-up page for 'Global Sales Data Analytics'. The background is a dark blue abstract pattern. At the top left, the text 'Global Sales Data Analytics' is displayed. At the top right, there are links for 'Dashboard', 'Sign Up', and 'Sign In'. In the center, the word 'Welcome!' is written in large white letters. Below this, there is a white sign-up form with rounded corners. The form contains three input fields for 'Name', 'Email', and 'Password'. Below these fields is a checkbox labeled 'I agree the Terms and Conditions'. At the bottom of the form is a dark blue button with the text 'SIGN UP'. Below the button, there is a link that says 'Already have an account? Sign in'.

Global Sales Data Analytics

Dashboard Sign Up Sign In

Welcome!

Name

Email

Password

☒ I agree the [Terms and Conditions](#)

SIGN UP

Already have an account? [Sign in](#)

To Fetch Data from external (API):

DOWNLOAD DATA-SET ON THE COGNOS FOR FURTHER PROCESS, DOWNLOAD LINK IN GIVEN BELOW:

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

Global_Superstore2.csv (12.09 MB)

DetailCompactColumn

10 of 24 columns

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	City
<div><div><div></div></div><div>151.3k</div></div>	<div>25035</div> <div>unique values</div>	<div>1430</div> <div>unique values</div>	<div>1464</div> <div>unique values</div>	<div>Standard Class60%</div> <div>Second Class20%</div> <div>Other (10206)20%</div>	<div>1590</div> <div>unique values</div>	<div>795</div> <div>unique values</div>	<div>Consumer52%</div> <div>Corporate30%</div> <div>Other (9343)18%</div>	<div>New York City</div> <div>Los Angeles</div> <div>Other (49628)</div>
32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hansen	Consumer	New York City
26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritter	Corporate	Wollongong
25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reiter	Consumer	Brisbane
13524	ES-2013-1579342	28-01-2013	30-01-2013	First Class	KM-16375	Katherine Murray	Home Office	Berlin
47221	SG-2013-4320	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hansen	Consumer	Dakar
22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitchum	Corporate	Sydney
30570	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swindell	Consumer	Porirua
31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class	MB-18085	Mick Brown	Consumer	Hamilton
40155	CA-2014-135909	14-10-2014	21-10-2014	Standard Class	JW-15220	Jane Waco	Corporate	Sacramento
40936	CA-2012-116638	28-01-2012	31-01-2012	Second Class	JH-15985	Joseph Holt	Consumer	Concord
34577	CA-2011-102988	05-04-2011	09-04-2011	Second Class	GM-14695	Greg Maxwell	Corporate	Alexandria
28879	ID-2012-28402	19-04-2012	22-04-2012	First Class	AJ-10780	Anthony Jacobs	Corporate	Kabul
45794	SA-2011-1830	27-12-2011	29-12-2011	Second Class	MM-7260	Magdelene Morse	Consumer	Jizan

Kaggle API To Gather The Dataset

Copy of Welcome To Colaboratory ☆

File Edit View Insert Runtime Tools Help All changes saved

RAM Disk

Editing

Files

(x)

- sample_data
- Global_Superstore2.csv
- Global_Superstore2.xlsx
- global-super-store-dataset.zip
- kaggle.json

+ Code + Text

- [Style Transfer](#): Use deep learning to transfer style between images.
- [Multilingual Universal Sentence Encoder Q&A](#): Use a machine learning model to answer questions from the SQuAD dataset.
- [Video Interpolation](#): Predict what happened in a video between the first and the last frame.

```
[4] !pip install -q kaggle
[5] !mkdir -p ~/.kaggle
[6] !cp kaggle.json ~/.kaggle/
[7] pwd
/content
[8] !chmod 600 ~/.kaggle/kaggle.json # changing the permissions to json
[9] !kaggle datasets download -d apoorvaappz/global-super-store-dataset
Downloading global-super-store-dataset.zip to /content
0% 0.00/11.1M [00:00<?, ?B/s]
100% 11.1M/11.1M [00:00<00:00, 124MB/s]
!unzip /content/global-super-store-dataset.zip
Archive: /content/global-super-store-dataset.zip
  inflating: Global_Superstore2.csv
  inflating: Global_Superstore2.xlsx
```

Disk 85.13 GB available

Dataset:

Global_Superstore - Excel

Sign in

FileHomeInsertPage LayoutFormulasDataReviewViewHelpTell me what you want to do

Paste

Clipboard

Calibri11

B*I*U

Font

Alignment

Number

Styles

Cells

Editing

L2

US

	A	B	C	D	E	F	G	H	I	J	K	L	
1	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	City	State	Country	Market	Region
2	32298	CA-2012-124891	31-07-2012	31-07-2012	Same Day	RH-19495	Rick Hansen	Consumer	New York City	New York	United States	US	East
3	26341	IN-2013-77878	05-02-2013	07-02-2013	Second Class	JR-16210	Justin Ritter	Corporate	Wollongong	New South Wales	Australia	APAC	Oceania
4	25330	IN-2013-71249	17-10-2013	18-10-2013	First Class	CR-12730	Craig Reiter	Consumer	Brisbane	Queensland	Australia	APAC	Oceania
5	13524	ES-2013-1579342	28-01-2013	30-01-2013	First Class	KM-16375	Katherine Murray	Home Office	Berlin	Berlin	Germany	EU	Central
6	47221	SG-2013-4320	05-11-2013	06-11-2013	Same Day	RH-9495	Rick Hansen	Consumer	Dakar	Dakar	Senegal	Africa	Africa
7	22732	IN-2013-42360	28-06-2013	01-07-2013	Second Class	JM-15655	Jim Mitchum	Corporate	Sydney	New South Wales	Australia	APAC	Oceania
8	30570	IN-2011-81826	07-11-2011	09-11-2011	First Class	TS-21340	Toby Swindell	Consumer	Porirua	Wellington	New Zealand	APAC	Oceania
9	31192	IN-2012-86369	14-04-2012	18-04-2012	Standard Class	MB-18085	Mick Brown	Consumer	Hamilton	Waikato	New Zealand	APAC	Oceania
10	40155	CA-2014-135909	14-10-2014	21-10-2014	Standard Class	JW-15220	Jane Waco	Corporate	Sacramento	California	United States	US	West
11	40936	CA-2012-116638	28-01-2012	31-01-2012	Second Class	JH-15985	Joseph Holt	Consumer	Concord	North Carolina	United States	US	South
12	34577	CA-2011-102988	05-04-2011	09-04-2011	Second Class	GM-14695	Greg Maxwell	Corporate	Alexandria	Virginia	United States	US	South
13	28879	ID-2012-28402	19-04-2012	22-04-2012	First Class	AJ-10780	Anthony Jacobs	Corporate	Kabul	Kabul	Afghanistan	APAC	Central
14	45794	SA-2011-1830	27-12-2011	29-12-2011	Second Class	MM-7260	Magdelene Morse	Consumer	Jizan	Jizan	Saudi Arabia	EMEA	EMEA
15	4132	MX-2012-130015	13-11-2012	13-11-2012	Same Day	VF-21715	Vicky Freymann	Home Office	Toledo	Parana	Brazil	LATAM	South
16	27704	IN-2013-73951	06-06-2013	08-06-2013	Second Class	PF-19120	Peter Fuller	Consumer	Mudanjiang	Heilongjiang	China	APAC	North
17	13779	ES-2014-5099955	31-07-2014	03-08-2014	Second Class	BP-11185	Ben Peterman	Corporate	Paris	Ile-de-France	France	EU	Central
18	36178	CA-2014-143567	03-11-2014	06-11-2014	Second Class	TB-21175	Thomas Boland	Corporate	Henderson	Kentucky	United States	US	South
19	12069	ES-2014-1651774	08-09-2014	14-09-2014	Standard Class	PJ-18835	Patrick Jones	Corporate	Prato	Tuscany	Italy	EU	South
20	22096	IN-2014-11763	31-01-2014	01-02-2014	First Class	JS-15685	Jim Sink	Corporate	Townsville	Queensland	Australia	APAC	Oceania
21	49463	TZ-2014-8190	05-12-2014	07-12-2014	Second Class	RH-9555	Ritsa Hightower	Consumer	Uvinza	Kigoma	Tanzania	Africa	Africa
22	46630	PL-2012-7820	08-08-2012	10-08-2012	First Class	AB-600	Ann Blume	Corporate	Bytom	Silesia	Poland	EMEA	EMEA
23	31784	CA-2011-154627	29-10-2011	31-10-2011	First Class	SA-20830	Sue Ann Reed	Consumer	Chicago	Illinois	United States	US	Central