

DEVELOPMENT PHASE

SPRINT-3

Date	02-11-2022
Team ID	PNT2022TMID13629
Project Name	Traffic and Capacity Analytics for Major Ports

OPEN IBM COGNOS ANALYTICS



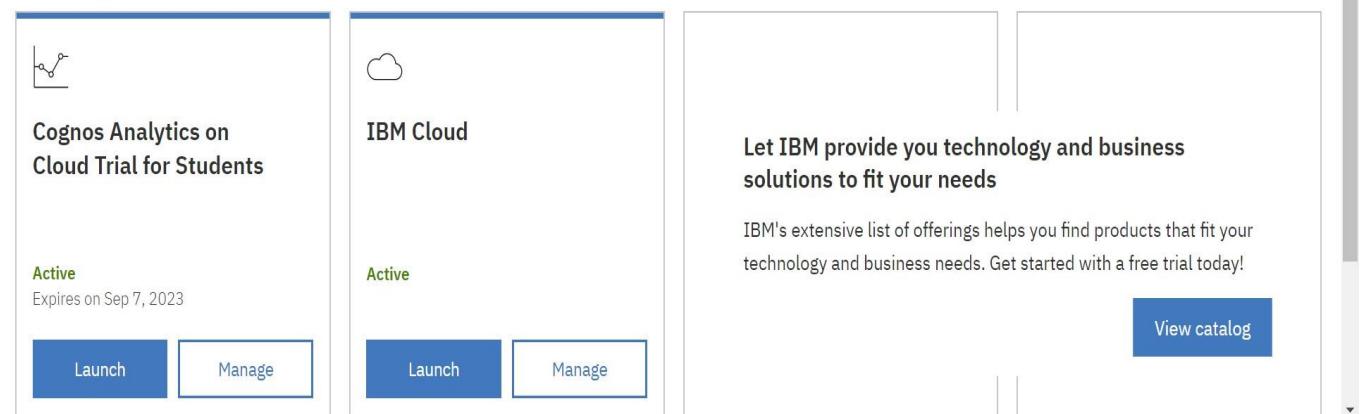
A screenshot of a web browser displaying the 'My IBM' dashboard. The URL in the address bar is 'myibm.ibm.com/dashboard/'. The top navigation bar includes links for 'My IBM', 'Profile', and 'Billing'. The user's email address, 'IBMid: suba13ece@gmail.com', is visible on the right. The main content area shows a 'Trials' section with two offers: 'Cognos Analytics on Cloud Trial for Students' and 'IBM Cloud'. Both offers are marked as 'Active' and have a blue 'Launch' button.

Products

Trials

2 Offerings

Need help? Get product support



A screenshot of the 'My IBM' dashboard showing the 'Trials' section. There are two active offerings:

- Cognos Analytics on Cloud Trial for Students**: Represented by a chart icon. Status: Active. Expires on Sep 7, 2023. Buttons: Launch (blue), Manage (white).
- IBM Cloud**: Represented by a cloud icon. Status: Active. Buttons: Launch (blue), Manage (white).

To the right, there is a promotional message: "Let IBM provide you technology and business solutions to fit your needs" followed by "IBM's extensive list of offerings helps you find products that fit your technology and business needs. Get started with a free trial today!" and a "View catalog" button.

CREATING DASHBOARD

The screenshot shows the IBM Cognos Analytics with Watson interface. At the top, there is a green header bar with tabs for 'MyIBM' and 'Home'. Below the header is a blue navigation bar with icons for search, notifications, and user profile. A maintenance message is displayed: 'Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events'. The main content area features four large cards: 'Upload data' (with an upward arrow icon), 'Prepare data' (with a data module icon), 'Exploration' (with a magnifying glass icon), and 'Present data' (with a chart icon). Below these cards, there are two tabs: 'Get started' (which is selected) and 'Recent'. Under 'Get started', there is a section titled 'Get up and running in IBM Cognos Analytics' with links for 'How-to videos', 'Accelerator Catalog', and 'Learning resources'.

MyIBM Home

IBM Cognos Analytics with Watson

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

Dismiss More info

Search content

Upload data

Prepare data

Exploration

Present data

Get started Recent

Get up and running in IBM Cognos Analytics

How-to videos Accelerator Catalog Learning resources

The screenshot shows the IBM Cognos Analytics with Watson interface. At the top, there's a green header bar with tabs for "My IBM" and "Home". The main title is "IBM Cognos Analytics with Watson". A blue banner at the top displays a message about maintenance completion: "Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events". Below the banner, there's a "Dismiss" button and a "More info" link. The main content area has a section titled "Quick launch" with four cards:

- Upload data**: Includes an icon of an upward arrow and a brief description: "Upload or drag and drop spreadsheets, csv files, and other data sources."
- Prepare data**: Includes an icon of a document with a gear and a brief description: "Use data modules to clean and connect data from multiple resources."
- Exploration**: Includes an icon of a magnifying glass over a chart and a brief description: "Quickly find unbiased answers by identifying trends in your data with d...".
- Present data**: Includes an icon of a presentation slide and a brief description: "Create sophisticated, multi-page, multi-query dashboards, reports, or st...".

Below the quick launch section, there are two tabs: "Get started" (which is underlined) and "Recent". A large central panel says "Get up and running in IBM Cognos Analytics". At the bottom, there are three links: "How-to videos", "Accelerator Catalog", and "Learning resources".

SELECT A TEMPLATE FOR A DASHBOARD



Create a dashboard

Select a template for your dashboard

Cancel Create

Tabbed Infographic

The interface shows a grid of 12 dashboard templates arranged in three rows of four. The first two columns of the top row are labeled 'Tabbed' and 'Infographic'. The third column of the top row has a blue border around its dashed-line frame, indicating it is selected. Each template consists of a large dashed-line frame with internal grid lines, representing the layout for placing data visualizations.

SELECTING THE DATASET

The screenshot shows the IBM Cognos Analytics with Watson interface. A modal dialog box titled "Select a source" is open in the foreground. The dialog has two tabs: "My content" (which is selected) and "Team content". Below the tabs is a table listing datasets. The table columns are "Name", "Type", and "Last Accessed". The listed datasets are:

Name	Type	Last Accessed
50_Startups.xlsx	Uploaded file	9/15/2022, 4:16 AM
datafile port.csv	Uploaded file	11/8/2022, 8:07 PM
datafile_02.zip	Uploaded file	11/8/2022, 6:41 AM
datafile.csv	Uploaded file	11/8/2022, 8:04 PM
Pharma_Monthly_Sales.csv	Uploaded file	9/26/2022, 10:05 AM
Port Traffic Data Prep	Data module	11/8/2022, 10:00 AM
SampleSuperstore.csv	Uploaded file	9/14/2022, 3:46 AM

At the bottom of the dialog, there are "Cancel" and "Add" buttons. The background of the application shows a dashboard with various data visualizations and navigation elements.

My IBM Catalog - IBM Cloud * New data module

IBM Cognos Analytics with Watson * New data module

Search content Properties

Data module

Grid Relationships Custom tables

Row Id	Port	Traffic in E...11-12)Proj.	Traffic in E...11-12) Ach.	Traffic in ... (2011-12) %	Total
1	Kolkata	1343	1223	9100	31
2	Haldia	4450	3101	7000	63
3	Paradeep	7640	5425	7100	10
4	Visakhapatnam	8220	6742	8200	10
5	Ennore	4700	1496	3200	64
6	Chennai	5750	5571	9700	72
7	Tuticorin	3172	2810	8900	63
8	Cochin	3817	2010	5300	54
9	NMPT	4881	3294	6800	60
10	Mormugao	4455	3900	8800	66
11	Mumbai	7105	5618	7900	91

New data module

Navigation paths

datafile_02.zip

- # Row Id
- Port
- Traffic in ...1-12)Proj.
- Traffic in ...1-12) Ach.
- Traffic in...011-12) %
- Total Capa...12) Proj.
- Total Capa...12) Ach.
- Total Cap...011-12) %

My IBM Catalog - IBM Cloud * New data module

IBM Cognos Analytics with Watson * New data module 302 Search content Properties

Data module +

New data module

Navigation paths +

datafile_02.zip

RowId

Port

Traffic in ...1-12)Proj.

Traffic in ...1-12) Ach.

Traffic in...011-12) %

Total Capa...-12) Proj.

Total Capa...-12) Ach.

Total Cap...011-12) %

Grid Relationships Custom tables

	↓ obj.	Traffic in E...11-12) Ach.	Traffic in ...(2011-12) %	Total Capac...1-12) Proj.	Total Capac...1-12) Ach.	Total Capa...2011-12) %
1223	9100	3145	1635	5100		
3101	7000	6340	5070	7900		
5425	7100	10640	7650	7100		
6742	8200	10810	7293	6700		
1496	3200	6420	3100	4800		
5571	9700	7230	7972	11000		
2810	8900	6398	3334	5200		
2010	5300	5475	4098	7400		
3294	6800	6050	5097	8400		
3900	8800	6690	4190	6200		
5618	7900	9191	4453	4800		

RENAMING THE DATASET AND CALCULATING THE DATASET

The screenshot shows the IBM Cognos Analytics interface with two separate data modules displayed side-by-side.

Data Module 1: datafile.csv

Port	Traffic Projected	Traffic Achieved	Total Capacity Achieved	Total Capacity Projected
Kolkata	1343	1223	1635	3145
Haldia	4450	3101	5070	6340
Paradeep	7640	5425	7650	10640
Visakhapatnam	8220	6742	7293	10810
Ennore	4700	1496	3100	6420
Chennai	5750	5571	7972	7230
Tuticorin	3172	2810	3334	6398
Cochin	3817	2010	4098	5475
NMPT	4881	3294	5097	6050
Mormugao	4455	3900	4190	6690
Mumbai	7105	5618	4453	9191

Data Module 2: New data module

Total Percent	Traffic Percent	Row Id	Port	Traffic Projected	Traffic Achieved
51.99%	91.06%	1	Kolkata	1343	1223
79.97%	69.69%	2	Haldia	4450	3101
71.90%	71.01%	3	Paradeep	7640	5425
67.47%	82.02%	4	Visakhapatnam	8220	6742
48.29%	31.83%	5	Ennore	4700	1496
110.26%	96.89%	6	Chennai	5750	5571
52.11%	88.59%	7	Tuticorin	3172	2810
74.85%	52.66%	8	Cochin	3817	2010
84.25%	67.49%	9	NMPT	4881	3294
62.63%	87.54%	10	Mormugao	4455	3900
48.45%	79.07%	11	Mumbai	7105	5618

IBM Cognos Analytics with Watson

Grid View

Custom tables

Properties

Data module

Search

New data module

Navigation paths

datafile.csv

Port

Traffic Projected

Traffic Achieved

Total Capacity Achieved

Total Capacity Projected

Port	Traffic Projected	Traffic Achieved	Total Capacity Achieved	Total Capacity Projected
Kolkata	1343	1223	1635	3145
Haldia	4450	3101	5070	6340
Paradeep	7640	5425	7650	10640
Visakhapatnam	8220	6742	7293	10810
Ennore	4700	1496	3100	6420
Chennai	5750	5571	7972	7230
Tuticorin	3172	2810	3334	6398
Cochin	3817	2010	4098	5475
NMPT	4881	3294	5097	6050
Mormugao	4455	3900	4190	6690
Mumbai	7105	5618	4453	9191

IBM Cognos Analytics with Watson

Grid View

Relationships

Custom tables

Properties

Data module

Search

New data module

Navigation paths

datafile.csv

Total Percent

Traffic Percent

Row Id

Port

Traffic Projected

Traffic Achieved

Total Percent	Traffic Percent	Row Id	Port	Traffic Projected	Traffic Achieved
51.99%	91.06%	1	Kolkata	1343	1223
79.97%	69.69%	2	Haldia	4450	3101
71.90%	71.01%	3	Paradeep	7640	5425
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