

Project Development Phase Delivery of Sprint-1

Team ID	PNT2022TMID09334
Project Name	Retail Store Stock Inventory Analytics

Data Collection

Download the Dataset

Dataset link:

<https://drive.google.com/drive/folders/1kiL-5CHJmQvbK9VyFsuUs-myAupBZGNy>

Load the Dataset:

The screenshot displays the IBM Cognos Analytics web interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=i4D31506576064794B6E36D49D155B2DC`. The interface includes a top navigation bar with the text "IBM Cognos Analytics with Watson", a "Content" dropdown menu, a search bar, and user profile icons. Below the navigation bar, the "Content" section is active, showing a grid of content items. The grid is organized into two rows and five columns. Each item card displays a title, a "Last Accessed" timestamp, and a small icon representing the content type (e.g., CSV, dashboard, report). The items in the grid are: 1. "50_Startups.csv" (Last Accessed: 10/20/2022, 10:43 AM, CSV icon), 2. "Dashboard Creation" (Last Accessed: 11/2/2022, 10:52 AM, dashboard icon), 3. "mock_kaggle.csv" (Last Accessed: 10/28/2022, 1:10 PM, CSV icon), 4. "Monthly Revenue By Pie Chart" (Last Accessed: 11/2/2022, 12:05 PM, dashboard icon), 5. "Monthly Sales Using Tree Map" (Last Accessed: 11/2/2022, 11:52 AM, dashboard icon), 6. "Prepared Inventory Data Module" (Last Accessed: 11/5/2022, 9:24 AM, dashboard icon), 7. "Summary Cards Of Total Revenue,Sales,Stock,Price" (Last Accessed: 11/2/2022, 10:09 AM, dashboard icon), 8. "Top10 Sales By Year Using Line Graph" (Last Accessed: 11/2/2022, 9:52 AM, dashboard icon), 9. "Year Wise Price Using Line Graph" (Last Accessed: 11/2/2022, 11:28 AM, dashboard icon), 10. "Year Wise Stock Using Line Graph" (Last Accessed: 10/28/2022, 2:18 PM, dashboard icon). The interface also features a "New +" button in the top right corner and a set of icons for filtering and sorting the content.

Data Preparation

Prepared data link:

https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2FPrepared%2BInventory%2BData%2BModule

The screenshot shows the IBM Cognos Analytics web interface. The browser address bar displays the URL: https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=i6E59A875C1CC48619EF2B658022C5601&objRef=i6E59A875C1CC48619EF2B658022C5601&tid=1584271249_fc9780b3bdc44a6083f4c8.... The page title is "IBM Cognos Analytics with Watson". The main content area shows a data module named "Prepared Invent ... Data Module". On the left, a navigation pane lists the data module and its fields: Revenue, M_Data, Row Id, Year, Sales, Stock, and Price. The "mock_kaggle.csv" file is selected. The main table displays 15 rows of data with the following columns: Revenue, M_Data, Row Id, Year, Sales, Stock, and Price.

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1.29
90.3	1	2	1/2/14	70	4902	1.29
76.11	1	3	1/3/14	59	4843	1.29
119.97	1	4	1/4/14	93	4750	1.29
123.84	1	5	1/5/14	96	4654	1.29
187.05	1	6	1/6/14	145	4509	1.29
230.91	1	7	1/7/14	179	4329	1.29
414.09	1	8	1/8/14	321	4104	1.29
136.25	1	9	1/9/14	125	4459	1.09
95.92	1	10	1/10/14	88	5043	1.09
204.92	1	11	1/11/14	188	5239	1.09
131.89	1	12	1/12/14	121	5118	1.09
146.06	1	13	1/13/14	134	4984	1.09
87.2	1	14	1/14/14	80	4904	1.09
89.38	1	15	1/15/14	82	4822	1.09