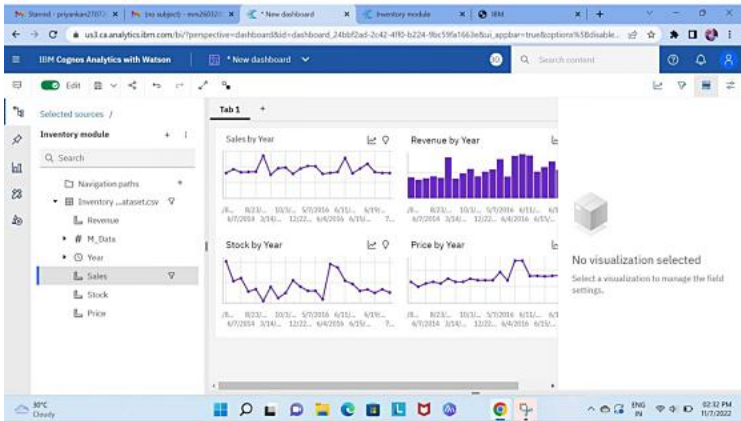


## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID50313
Project Name	Project - Retail Store Stock Inventory Analytics
Maximum Marks	10 Marks

### Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations / Graphs - 10</p>  <p>The screenshot shows the IBM Cognos Analytics interface. On the left, there's a navigation pane with 'Inventory module' expanded, showing 'Revenue', 'M_Data', 'Sales', 'Stock', and 'Price'. The main area displays 'Tab 1' with four visualizations: 'Sales by Year' (line chart), 'Revenue by Year' (bar chart), 'Stock by Year' (line chart), and 'Price by Year' (line chart). A 'No visualization selected' message is also visible. The bottom of the dashboard shows a 'Sales for M_Data hierarchy' table with columns for 'Sales (Sum)' and 'M_Data' categories.</p> <p>11/8/22, 11:20 AM Tab 1 overall dashboard</p> <p>Price by Year</p> <p>Stock by Year</p> <p>Sales by Year</p> <p>Sales for M_Data hierarchy</p> <p>Sales (Sum)</p> <p>M_Data</p> <p>1 2 3 4 5 6 7 8 9 10 11 12</p>

11/8/22, 11:20 AM

overall dashboard

Tab 2

Revenue by M\_Data

Stock



1506938

Stock

Price

1492

Price

11/8/22, 11:20 AM

overall dashboard

Tab 3

Revenue

Sales

139K

Revenue

84830

Sales

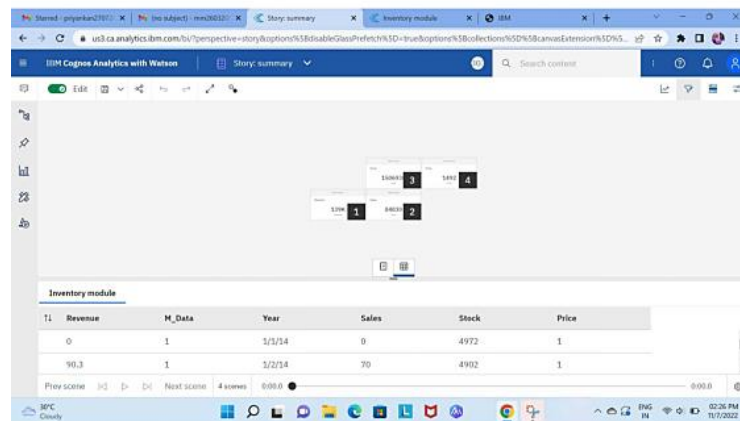
Price

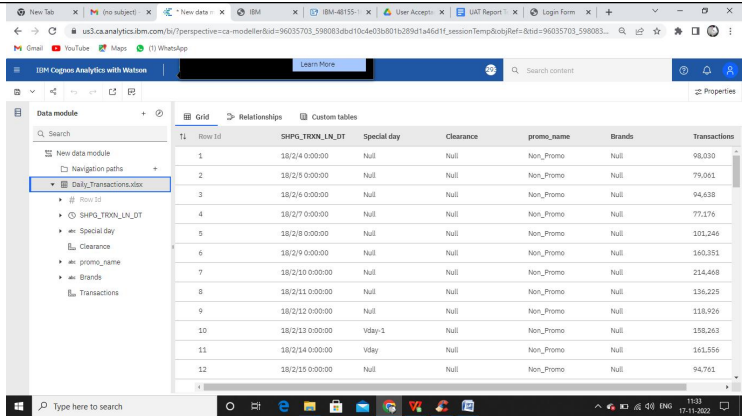
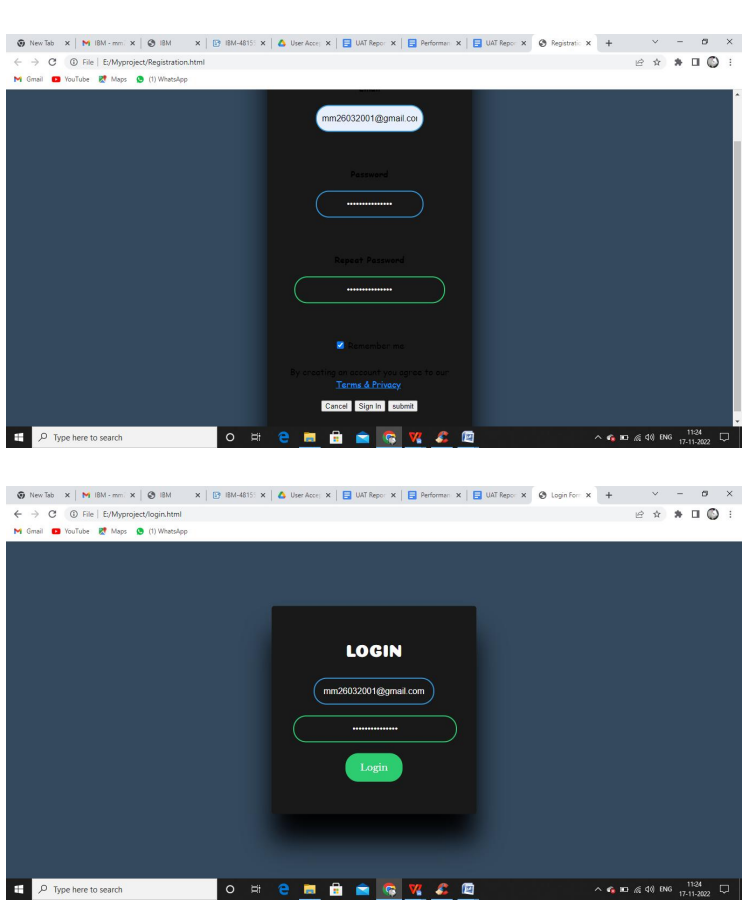
0  
1  
1  
1  
1  
1  
1  
1  
1  
1  
1

Sales

Sales

84830



2.	Data Responsiveness	 <p>The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'Daily_Transactions.xlsx' selected. The main area shows a 'Grid' view of data. The table has columns: 'T1', 'Row Id', 'SHIPG_TRXN_LIN_DT', 'Special day', 'Clearance', 'promo_name', 'Brands', and 'Transactions'. The data rows show transaction details for various dates and brands, with transaction amounts ranging from 94,638 to 161,556.</p> <table><tr><th>T1</th><th>Row Id</th><th>SHIPG_TRXN_LIN_DT</th><th>Special day</th><th>Clearance</th><th>promo_name</th><th>Brands</th><th>Transactions</th></tr><tr><td>1</td><td>1</td><td>18/2/14 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>98,030</td></tr><tr><td>2</td><td>2</td><td>18/2/15 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>79,061</td></tr><tr><td>3</td><td>3</td><td>18/2/16 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>94,638</td></tr><tr><td>4</td><td>4</td><td>18/2/17 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>77,176</td></tr><tr><td>5</td><td>5</td><td>18/2/18 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>101,246</td></tr><tr><td>6</td><td>6</td><td>18/2/19 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>160,391</td></tr><tr><td>7</td><td>7</td><td>18/2/20 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>214,468</td></tr><tr><td>8</td><td>8</td><td>18/2/21 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>136,225</td></tr><tr><td>9</td><td>9</td><td>18/2/22 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>118,926</td></tr><tr><td>10</td><td>10</td><td>18/2/23 0:00:00</td><td>Vday-1</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>188,263</td></tr><tr><td>11</td><td>11</td><td>18/2/24 0:00:00</td><td>Vday</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>161,556</td></tr><tr><td>12</td><td>12</td><td>18/2/25 0:00:00</td><td>Null</td><td>Null</td><td>Non_Promo</td><td>Null</td><td>94,701</td></tr></table>	T1	Row Id	SHIPG_TRXN_LIN_DT	Special day	Clearance	promo_name	Brands	Transactions	1	1	18/2/14 0:00:00	Null	Null	Non_Promo	Null	98,030	2	2	18/2/15 0:00:00	Null	Null	Non_Promo	Null	79,061	3	3	18/2/16 0:00:00	Null	Null	Non_Promo	Null	94,638	4	4	18/2/17 0:00:00	Null	Null	Non_Promo	Null	77,176	5	5	18/2/18 0:00:00	Null	Null	Non_Promo	Null	101,246	6	6	18/2/19 0:00:00	Null	Null	Non_Promo	Null	160,391	7	7	18/2/20 0:00:00	Null	Null	Non_Promo	Null	214,468	8	8	18/2/21 0:00:00	Null	Null	Non_Promo	Null	136,225	9	9	18/2/22 0:00:00	Null	Null	Non_Promo	Null	118,926	10	10	18/2/23 0:00:00	Vday-1	Null	Non_Promo	Null	188,263	11	11	18/2/24 0:00:00	Vday	Null	Non_Promo	Null	161,556	12	12	18/2/25 0:00:00	Null	Null	Non_Promo	Null	94,701
T1	Row Id	SHIPG_TRXN_LIN_DT	Special day	Clearance	promo_name	Brands	Transactions																																																																																																			
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12	12	18/2/25 0:00:00	Null	Null	Non_Promo	Null	94,701																																																																																																			
3.	Amount Data to Rendered (DB2 Metrics)	 <p>The first screenshot shows a registration form with fields for 'Email' (mm26032001@gmail.com), 'Password', and 'Repeat Password'. Below the fields are links for 'Remember me' and 'Terms &amp; Privacy', and buttons for 'Cancel', 'Sign In', and 'submit'.</p> <p>The second screenshot shows a login form with fields for 'Email' (mm26032001@gmail.com) and 'Password', and a 'Login' button.</p>																																																																																																								
4.	Utilization of Data Filters																																																																																																									

IBM Cognos Analytics with Watson

Grid Relationships Custom tables

Revenue M\_Data Row Id Year sales Stock Price

Revenue	M_Data	Row Id	Year	sales	Stock	Price
0	1	1	1/1/14	0	4972	1
90.3	1	2	1/2/14	70	4902	1
76.11	1	3	1/3/14	99	4843	1
119.97	1	4	1/4/14	93	4750	1
123.84	1	5	1/5/14	96	4654	1
187.05	1	6	1/6/14	145	4509	1
230.91	1	7	1/7/14	179	4329	1
414.09000000000003	1	8	1/8/14	321	4104	1
136.25	1	9	1/9/14	125	4459	1
95.92	1	10	1/10/14	88	5043	1
204.92000000000002	1	11	1/11/14	188	5239	1
121.89000000000001	1	12	1/12/14	121	5118	1

IBM Cognos Analytics with Watson

Grid Relationships Custom tables

New data module

Navigation paths

mock\_laggle.csv

data

venda

estoque

preco

Preview data

To preview data, select a table, a column in a table, or a folder that contains columns.

IBM Cognos Analytics with Watson

Create calculation

Name Calculation name

Components

Search

Inventory M\_data.csv

data

venda

estoque

preco

Expression

1 month [data\_]

Validation Results

The expression is valid.

Calculate after aggregation

Cancel OK

Row Id	Year	sales	Stock	Price
1	2014-01-01	0	4972	1.29
1	2014-01-02	70	4902	1.29
1	2014-01-03	99	4843	1.29
1	2014-01-04	93	4750	1.29
1	2014-01-05	96	4684	1.29
1	2014-01-06	145	4609	1.29
1	2014-01-07	179	4329	1.29
1	2014-01-08	321	4304	1.29
1	2014-01-09	325	4459	1.09
1	2014-01-10	88	5043	1.09
1	2014-01-11	168	5239	1.09
1	2014-01-12	321	5118	1.09
1	2014-01-13	334	4904	1.09

**Data format**

Column: M\_Data

Format type: Date

Date separator: /  
 Date style: Short  
 Date ordering: Default  
 Missing value characters: empty

Advanced options | Reset properties

**Data format**

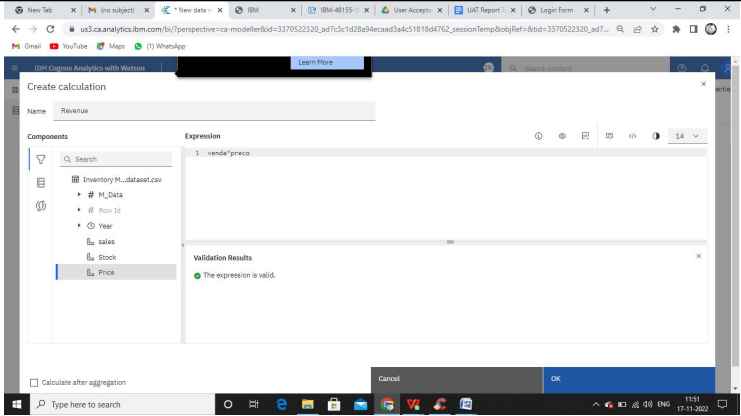
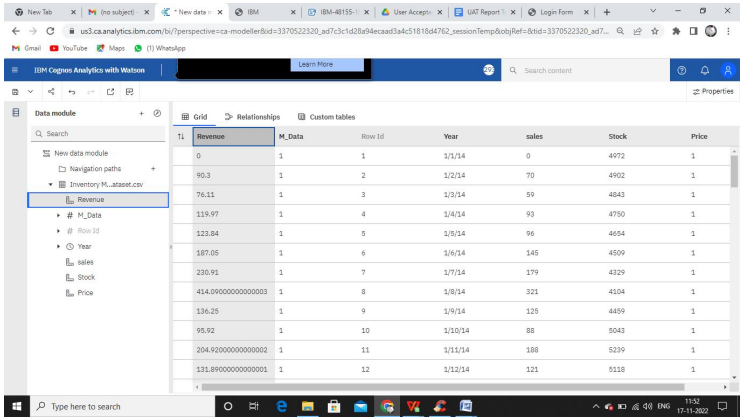
Column: Year

Format type: Date

Date separator: /  
 Date style: Short  
 Date ordering: Default  
 Missing value characters: empty

Advanced options | Reset properties



		 
5.	Effective User Story	No of Scene Added - 7
6.	Descriptive Reports	No of Visualizations / Graphs - 7

