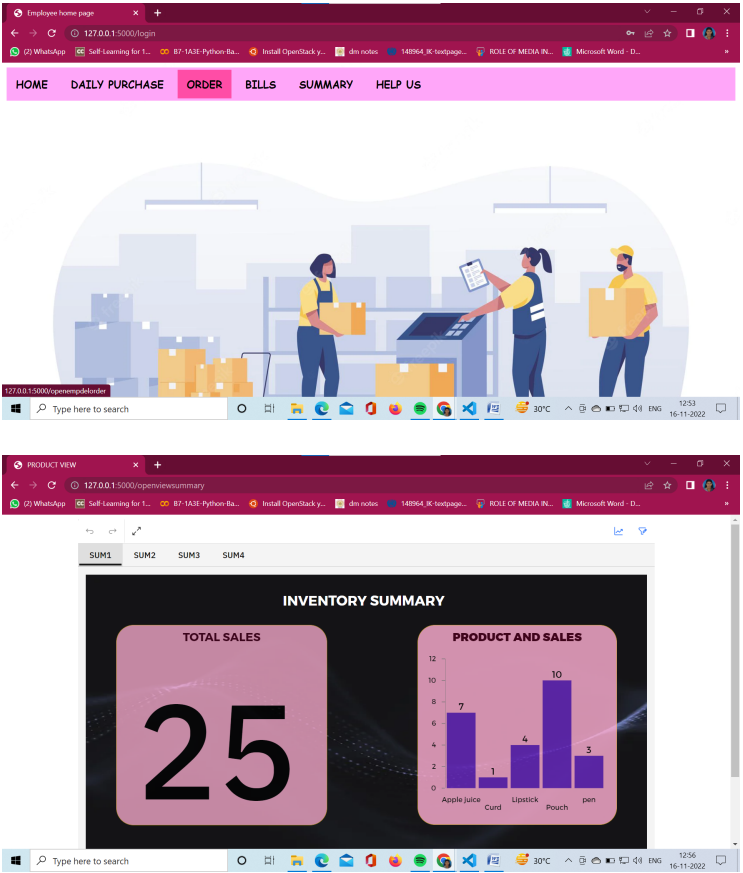


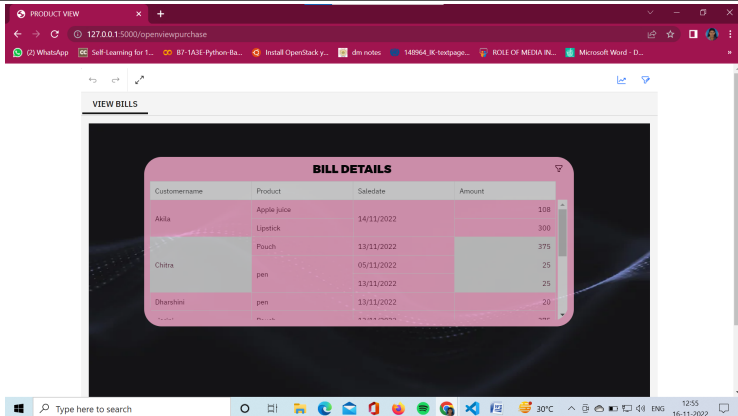
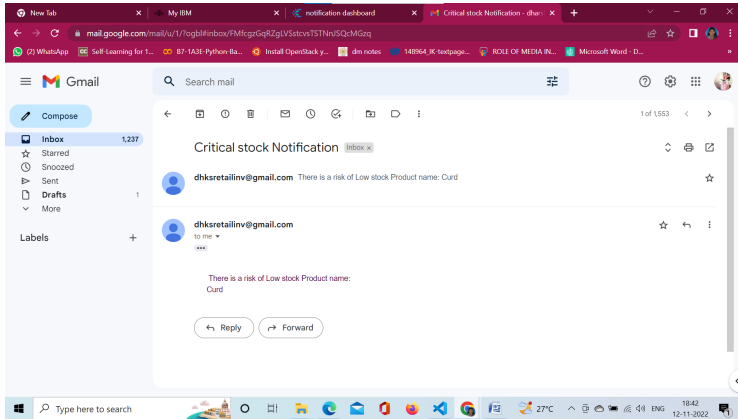
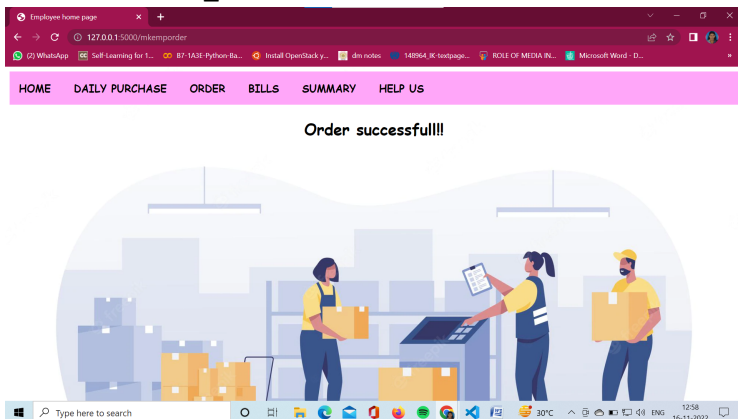
Project Development Phase
Performance Test
Sprint-4

Date	16 November 2022
Team ID	PNT2022TMID27847
Project Name	Project - RETAIL STORE STOCK INVENTORY ANALYTICS
Maximum Marks	10 Marks

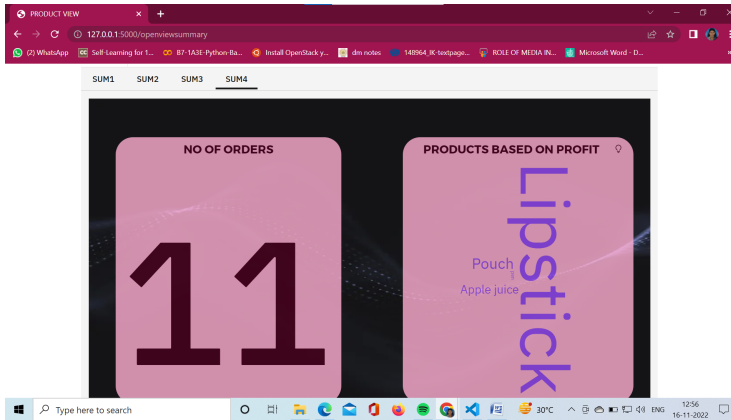
Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	<p>No of Visualizations -3</p> 

		 <p>The screenshot shows a web browser window with a 'PRODUCT VIEW' tab. The main content area is titled 'VIEW BILLS' and displays a 'BILL DETAILS' table. The table has four columns: Customername, Product, Saledate, and Amount. The data is as follows:</p> <table><thead><tr><th>Customername</th><th>Product</th><th>Saledate</th><th>Amount</th></tr></thead><tbody><tr><td>Akila</td><td>Apple Juice</td><td>14/11/2022</td><td>108</td></tr><tr><td></td><td>Lipstick</td><td></td><td>300</td></tr><tr><td></td><td>Pouch</td><td>13/11/2022</td><td>375</td></tr><tr><td>China</td><td>pen</td><td>05/11/2022</td><td>25</td></tr><tr><td></td><td></td><td>13/11/2022</td><td>25</td></tr><tr><td>Dharsini</td><td>pen</td><td>13/11/2022</td><td>20</td></tr></tbody></table>	Customername	Product	Saledate	Amount	Akila	Apple Juice	14/11/2022	108		Lipstick		300		Pouch	13/11/2022	375	China	pen	05/11/2022	25			13/11/2022	25	Dharsini	pen	13/11/2022	20
Customername	Product	Saledate	Amount																											
Akila	Apple Juice	14/11/2022	108																											
	Lipstick		300																											
	Pouch	13/11/2022	375																											
China	pen	05/11/2022	25																											
		13/11/2022	25																											
Dharsini	pen	13/11/2022	20																											
2.	Data Responsiveness	<p>1.While ordering / booking products the product count in the table gets reduced and whenever the quantity reaches the low stock limit alert will be sent to the retailer mail regarding low stock.</p>  <p>The screenshot shows a Gmail inbox with a search bar and a list of emails. The selected email is titled 'Critical stock Notification' and is from 'dhksretailinv@gmail.com'. The email content states: 'There is a risk of Low stock Product name: Curt'.</p> <p>2.While Adding the daily purchase ,purchase details are stored in the ibm_db2 table.</p>  <p>The screenshot shows a web browser window with a navigation bar containing links: HOME, DAILY PURCHASE, ORDER, BILLS, SUMMARY, and HELP US. Below the navigation bar, a message reads 'Order successfull!!'. The background features an illustration of three warehouse workers handling boxes.</p>																												

3.While viewing the products,summary and bills data is retrieved from ibm_db2 and connected with cognos analytics then the data is visualized in the system via visualization.



3. Amount Data to Rendered (DB2 Metrics)

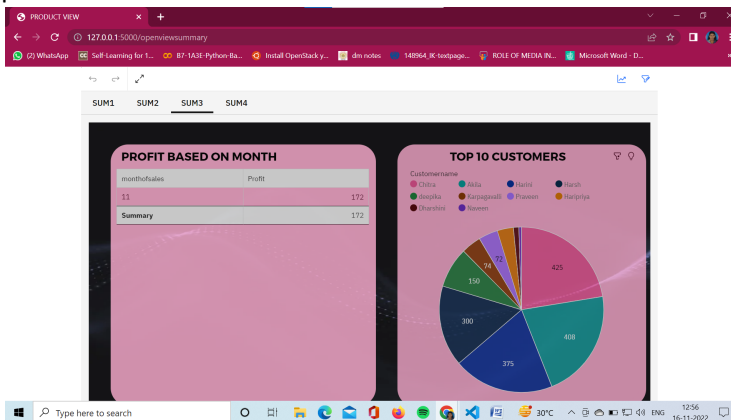
Depending on the load of data by the retailer
Range 1-10000

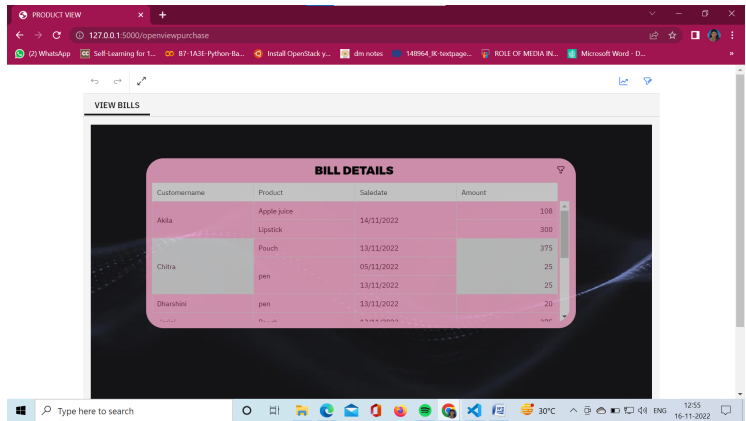
The screenshot shows the 'Table performance' page in IBM Db2 on Cloud. It displays a table with the following data:

schema name	Table name	Table type	Table space name	Table scans /min	Rows read /min	Hit ratio	Access /min
DELIVERYORDERS	USER_TABLE	HHPO0822SPACE1	2	26	100.00 %	26	!
PRODUCT	USER_TABLE	HHPO0822SPACE1	10	96	100.00 %	96	!
ORDER	USER_TABLE	HHPO0822SPACE1	5	149	100.00 %	149	!
REGISTER	USER_TABLE	HHPO0822SPACE1	0	0	0.00%	0	!
CATEGORY	USER_TABLE	HHPO0822SPACE1	0	0	0.00%	0	!

4. Utilization of Data Filters

Top ten customers are filtered and visualized based on purchase amount



5.	Effective User Story	No of user stories - 4 1.order product 2.view summary' 3.view bills 4.Add daily purchase																												
6.	Descriptive Reports	No of Visualizations -1 1.List of bills  <table><thead><tr><th>Customername</th><th>Product</th><th>SaleDate</th><th>Amount</th></tr></thead><tbody><tr><td>Akila</td><td>Apple juice</td><td>14/11/2022</td><td>108</td></tr><tr><td></td><td>Lipstick</td><td></td><td>300</td></tr><tr><td></td><td>Pouch</td><td>13/11/2022</td><td>375</td></tr><tr><td>Chitra</td><td>pen</td><td>05/11/2022</td><td>25</td></tr><tr><td></td><td>pen</td><td>13/11/2022</td><td>25</td></tr><tr><td>Dhanshree</td><td>pen</td><td>13/11/2022</td><td>20</td></tr></tbody></table>	Customername	Product	SaleDate	Amount	Akila	Apple juice	14/11/2022	108		Lipstick		300		Pouch	13/11/2022	375	Chitra	pen	05/11/2022	25		pen	13/11/2022	25	Dhanshree	pen	13/11/2022	20
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	pen	13/11/2022	25																											
Dhanshree	pen	13/11/2022	20																											

SPRINT4

```

PS C:\Users\Administrator\Downloads\SPRINT4\crt retail> locust -V
locust 2.13.0 from C:\Users\Administrator\AppData\Local\Programs\Python\Python310\lib\site-packages\locust (python 3.10.2)
PS C:\Users\Administrator\Downloads\SPRINT4\crt retail> locust -f locust.py --headless --users 2 --spawn-rate 2 -H http://127.0.0.1:5000
[2022-11-16 14:46:08,010] DESKTOP-FD4GG7E/INFO/locust.main: No run time limit set, use CTRL+C to interrupt
[2022-11-16 14:46:08,010] DESKTOP-FD4GG7E/INFO/locust.main: Starting Locust 2.13.0

```

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
Aggregated		0	0(0.00%)	0	0	0	0	0.00	0.00

```

[2022-11-16 14:46:08,026] DESKTOP-FD4GG7E/INFO/locust.runners: Ramping to 2 users at a rate of 2.00 per second
[2022-11-16 14:46:08,027] DESKTOP-FD4GG7E/INFO/locust.runners: All users spawned: {"websiteUser": 2} (2 total users)

```

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
Aggregated		0	0(0.00%)	0	0	0	0	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
Aggregated		0	0(0.00%)	0	0	0	0	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
Aggregated		0	0(0.00%)	0	0	0	0	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
Aggregated		0	0(0.00%)	0	0	0	0	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	2	0(0.00%)	8	5	11	5	0.00	0.00
GET	/addcat	5	0(0.00%)	7286	4363	13641	6400	0.10	0.00
GET	/addemp	1	0(0.00%)	35	35	35	35	0.00	0.00
GET	/addpro	1	0(0.00%)	4819	4819	4819	4819	0.00	0.00
GET	/delcat	6	0(0.00%)	4156	2668	6146	3200	0.10	0.00
GET	/delemp	3	0(0.00%)	5070	3340	7005	4900	0.00	0.00
GET	/delpro	3	1(33.33%)	5342	3901	6928	5200	0.00	0.00
GET	/login	3	0(0.00%)	763	27	2228	34	0.00	0.00
GET	/mkdelorder	6	0(0.00%)	3746	2162	4532	3800	0.00	0.00
GET	/mkempdelorder	1	0(0.00%)	1885	1885	1885	1885	0.00	0.00
GET	/mkemporder	4	0(0.00%)	2778	1957	4888	2000	0.00	0.00
GET	/mkorder	1	0(0.00%)	2254	2254	2254	2254	0.00	0.00
GET	/openaddcategory	2	0(0.00%)	7	4	9	5	0.00	0.00
GET	/openaddemp	6	0(0.00%)	960	4	2252	27	0.10	0.00
GET	/openaddpro	3	0(0.00%)	6046	4838	8373	4900	0.10	0.00
GET	/opendelcategory	4	0(0.00%)	411	4	1613	11	0.00	0.00
GET	/opendelemp	1	0(0.00%)	5645	5645	5645	5645	0.00	0.00
GET	/opendelorder	4	0(0.00%)	4241	2616	5021	4400	0.00	0.00
GET	/opendelpro	7	0(0.00%)	4602	3419	7451	4500	0.10	0.00
GET	/openempdelorder	4	0(0.00%)	3868	3095	4654	3500	0.00	0.00
GET	/openemporder	5	0(0.00%)	4140	2960	5727	4200	0.00	0.00
GET	/openindex	4	0(0.00%)	9	5	17	7	0.00	0.00
GET	/openmanual	6	0(0.00%)	961	6	2236	280	0.00	0.00
GET	/openorder	6	1(16.67%)	3714	1899	6596	2900	0.00	0.00
GET	/openupcategory	4	0(0.00%)	562	4	1736	5	0.00	0.00
GET	/openupemp	3	0(0.00%)	3263	2269	4572	2900	0.00	0.00
GET	/openuppro	3	0(0.00%)	6731	4475	10362	5400	0.00	0.00
GET	/openviewcat	4	0(0.00%)	1051	5	1921	530	0.10	0.00
GET	/openviewcategory	1	1(100.00%)	93	93	93	93	0.00	0.00
GET	/openviewpro	2	0(0.00%)	945	18	1872	18	0.00	0.00
GET	/openviewpurchase	2	0(0.00%)	284	16	552	16	0.00	0.00
GET	/openviewsummary	4	0(0.00%)	422	6	1662	7	0.00	0.00
GET	/upcat	3	0(0.00%)	4014	2628	4871	4500	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	3	0(0.00%)	7	5	11	5	0.01	0.00
GET	/addcat	7	0(0.00%)	6893	4363	13641	6300	0.03	0.00
GET	/addemp	3	0(0.00%)	709	16	2076	36	0.01	0.00
GET	/addpro	2	0(0.00%)	5426	4819	6032	4819	0.01	0.00
GET	/delcat	8	0(0.00%)	4038	2668	6146	3200	0.03	0.00
GET	/delemp	4	0(0.00%)	5112	3340	7005	4900	0.01	0.00
GET	/delpro	5	1(20.00%)	5567	3901	6928	5800	0.02	0.00
GET	/login	3	0(0.00%)	763	27	2228	34	0.01	0.00
GET	/mkdelorder	6	0(0.00%)	3746	2162	4532	3800	0.02	0.00
GET	/mkempdelorder	1	0(0.00%)	1885	1885	1885	1885	0.00	0.00
GET	/mkemporder	5	0(0.00%)	2964	1957	4888	2200	0.02	0.00
GET	/mkorder	2	0(0.00%)	2163	2073	2254	2100	0.01	0.00
GET	/openaddcategory	2	0(0.00%)	7	4	9	5	0.01	0.00
GET	/openaddemp	8	0(0.00%)	724	4	2252	16	0.03	0.00
GET	/openaddpro	3	0(0.00%)	6046	4838	8373	4900	0.01	0.00
GET	/opendelcategory	6	0(0.00%)	275	4	1613	5	0.02	0.00
GET	/opendelemp	2	0(0.00%)	5166	4687	5645	4700	0.01	0.00
GET	/opendelorder	4	0(0.00%)	4241	2616	5021	4400	0.01	0.00
GET	/opendelpro	9	0(0.00%)	4509	3419	7451	4500	0.03	0.00
GET	/openempdelorder	4	0(0.00%)	3868	3095	4654	3500	0.01	0.00
GET	/openemporder	5	0(0.00%)	4140	2960	5727	4200	0.02	0.00
GET	/openindex	5	0(0.00%)	11	5	17	9	0.02	0.00
GET	/openmanual	7	0(0.00%)	1063	6	2236	1500	0.03	0.00
GET	/openorder	8	1(12.50%)	3718	1899	6596	2900	0.03	0.00
GET	/openupcategory	10	0(0.00%)	434	4	2016	16	0.04	0.00
GET	/openupemp	4	0(0.00%)	3524	2269	4572	2900	0.01	0.00
GET	/openuppro	5	0(0.00%)	6585	3254	10362	5400	0.02	0.00
GET	/openviewcat	4	0(0.00%)	1051	5	1921	530	0.01	0.00
GET	/openviewcategory	2	2(100.00%)	2875	93	5657	94	0.01	0.01
GET	/openviewpro	5	0(0.00%)	1095	18	1872	1700	0.02	0.00
GET	/login	3	0(0.00%)	763	27	2228	34	0.01	0.00
GET	/mkdelorder	6	0(0.00%)	3746	2162	4532	3800	0.02	0.00
GET	/mkempdelorder	1	0(0.00%)	1885	1885	1885	1885	0.00	0.00
GET	/mkemporder	5	0(0.00%)	2964	1957	4888	2200	0.02	0.00
GET	/mkorder	2	0(0.00%)	2163	2073	2254	2100	0.01	0.00
GET	/openaddcategory	2	0(0.00%)	7	4	9	5	0.01	0.00
GET	/openaddemp	8	0(0.00%)	724	4	2252	16	0.03	0.00
GET	/openaddpro	3	0(0.00%)	6046	4838	8373	4900	0.01	0.00
GET	/opendelcategory	6	0(0.00%)	275	4	1613	5	0.02	0.00
GET	/opendelemp	2	0(0.00%)	5166	4687	5645	4700	0.01	0.00
GET	/opendelorder	4	0(0.00%)	4241	2616	5021	4400	0.01	0.00
GET	/opendelpro	9	0(0.00%)	4509	3419	7451	4500	0.03	0.00
GET	/openempdelorder	4	0(0.00%)	3868	3095	4654	3500	0.01	0.00
GET	/openemporder	5	0(0.00%)	4140	2960	5727	4200	0.02	0.00
GET	/openindex	5	0(0.00%)	11	5	17	9	0.02	0.00
GET	/openmanual	7	0(0.00%)	1063	6	2236	1500	0.03	0.00
GET	/openorder	8	1(12.50%)	3718	1899	6596	2900	0.03	0.00
GET	/openupcategory	10	0(0.00%)	434	4	2016	16	0.04	0.00
GET	/openupemp	4	0(0.00%)	3524	2269	4572	2900	0.01	0.00
GET	/openuppro	5	0(0.00%)	6585	3254	10362	5400	0.02	0.00
GET	/openviewcat	4	0(0.00%)	1051	5	1921	530	0.01	0.00
GET	/openviewcategory	2	2(100.00%)	2875	93	5657	94	0.01	0.01
GET	/openviewpro	5	0(0.00%)	1095	18	1872	1700	0.02	0.00
GET	/openviewpurchase	5	0(0.00%)	122	11	552	16	0.02	0.00
GET	/openviewsummary	6	0(0.00%)	592	6	1846	15	0.02	0.00
GET	/upcat	5	0(0.00%)	4231	2628	5768	4500	0.02	0.00
GET	/upemp	7	0(0.00%)	5780	3239	9490	5600	0.03	0.00
GET	/uppro	8	0(0.00%)	5887	4079	8667	5200	0.03	0.00
Aggregated		173	4(2.31%)	3088	4	13641	3000	0.65	0.01

[illegible]