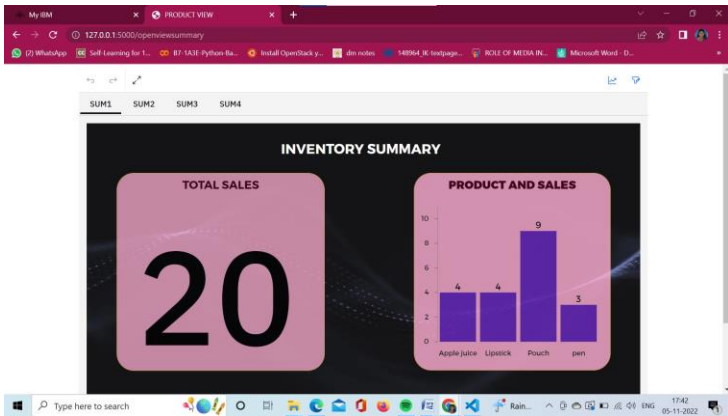**Project Development Phase**
Performance Test
Sprint-2

Date	05 November 2022
Team ID	PNT2022TMID09262
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	No of Visualizations -6
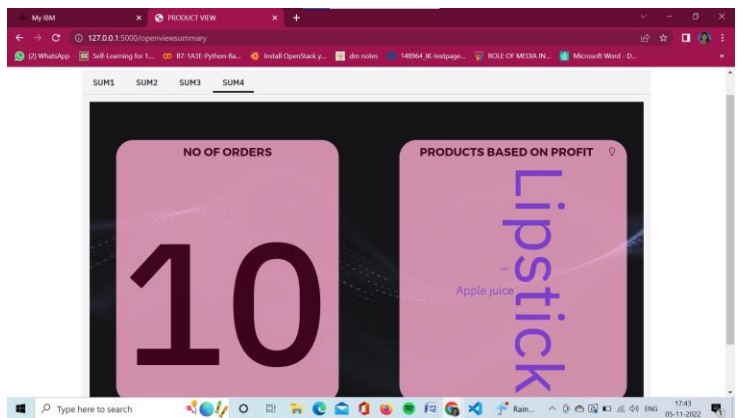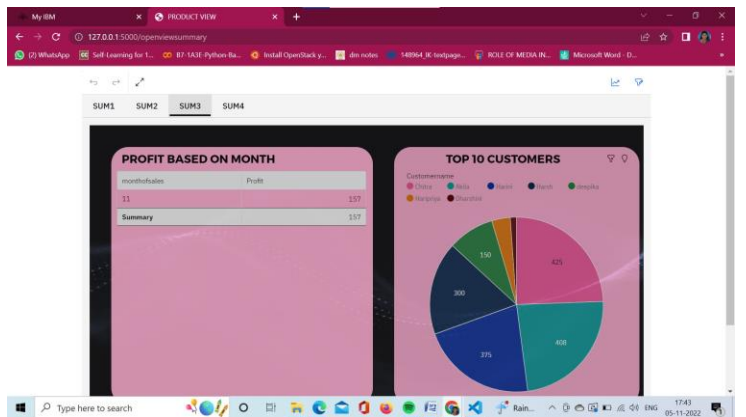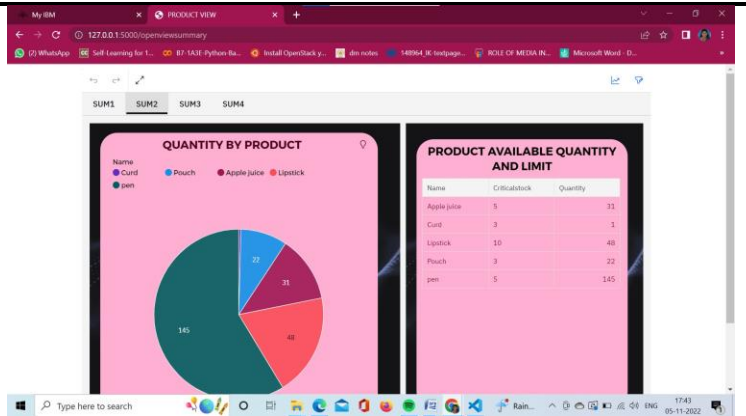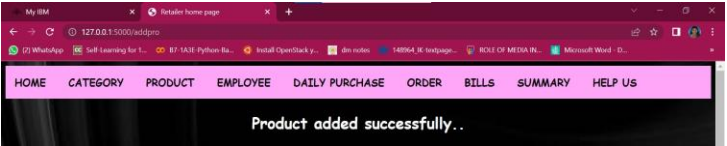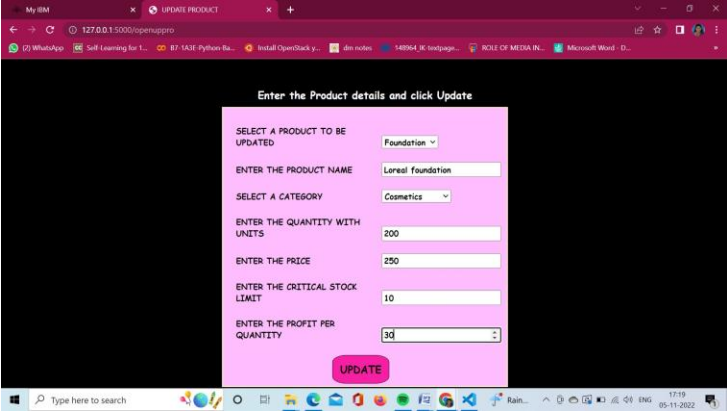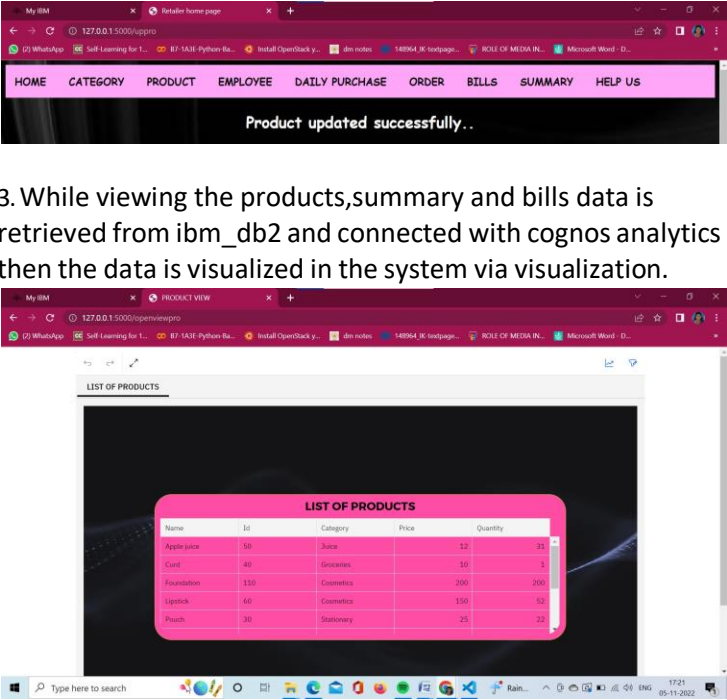
QUANTITY BY PRODUCT

Name
● Curd ● Pouch ● Apple Juice ● Lipstick
● pen

PRODUCT AVAILABLE QUANTITY AND LIMIT

Name	Criticalstock	Quantity
Apple Juice	5	31
Curd	3	1
Lipstick	10	48
Pouch	3	22
pen	5	145

SUM1 SUM2 SUM3 SUM4

PROFIT BASED ON MONTH

monthofsales	Profit
11	157
Summary	157

TOP 10 CUSTOMERS

Customername
● Chitra ● Akila ● Harini ● Harsh ● deepika
● Haripriya ● Dharshini

SUM1 SUM2 SUM3 SUM4

NO OF ORDERS

10

PRODUCTS BASED ON PROFIT
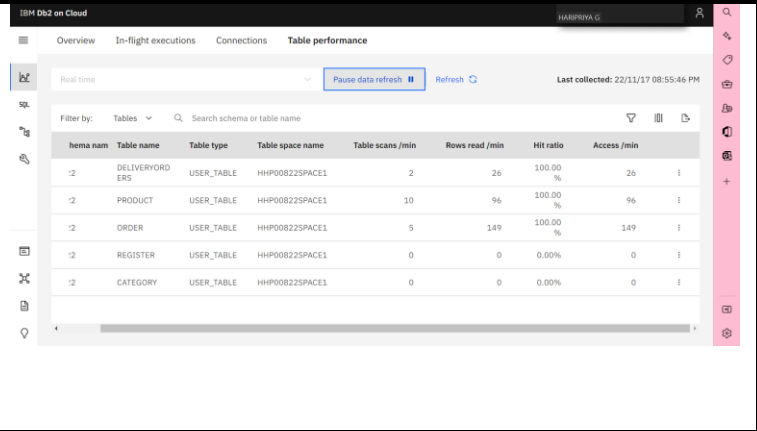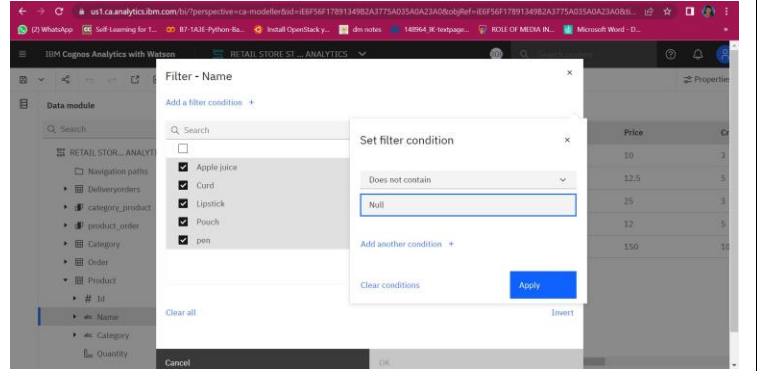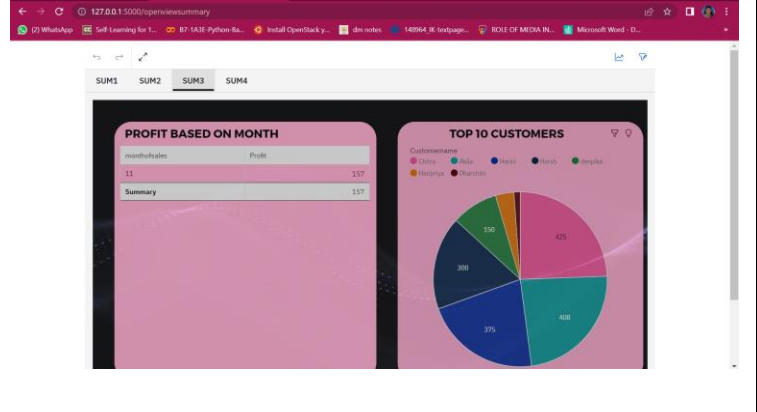
Lipstick
Apple juice

BILL DETAILS

Customername	Product	Saledate	Amount
Akila	Apple juice	14/11/2022	108
	Lipstick		300
Chitra	Pouch	13/11/2022	375
		05/11/2022	25
	pen	13/11/2022	25
Dharshini	pen	13/11/2022	20
Harini	Pouch	13/11/2022	375
Haripriya	Apple juice	14/11/2022	60
Harsh	Lipstick	05/11/2022	300
deepika	Lipstick	13/11/2022	150
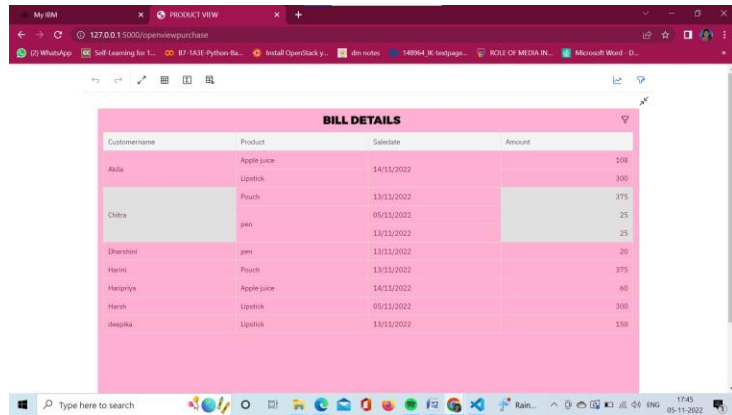
2.	Data Responsiveness	1. while adding products data inserted into ibm db2
		2. While updating and deleting products the data in ibm db2 get altered
		3. While viewing the products,summary and bills data is retrieved from ibm_db2 and connected with cognos analytics then the data is visualized in the system via visualization.
3.	Amount Data to Rendered (DB2 Metrics)	Depending on the load of data by the retailer Range 1-10000

4.	Utilization of Data Filters	The products name with null values are filtered 2.In summary top 10 customers are filtered
5.	Effective User Story	No of user stories - 7 1.Add product 2.Delete product 3.Update product 4.view product 5.Order product 6.view summary 7.view bills

6.	Descriptive Reports	No of Visualizations :2
		1.View bills
		2.view product

SPRINT 2

```
PS C:\Users\Administrator\Downloads\crt retail> locust -f locust.py --headless --users 2 --spawn-rate 2 -H http://127.0.0.1:5000
[2022-11-15 13:58:37,249] DESKTOP-FD4GG7E/INFO/locust.main: No run time limit set, use CTRL+C to interrupt
[2022-11-15 13:58:37,250] 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

```
[2022-11-15 13:58:37,251] DESKTOP-FD4GG7E/INFO/locust.runners: Ramping to 2 users at a rate of 2.00 per second
[2022-11-15 13:58:37,252] DESKTOP-FD4GG7E/INFO/locust.runners: All users spawned: {"WebsiteUser": 2} (2 total users)
```

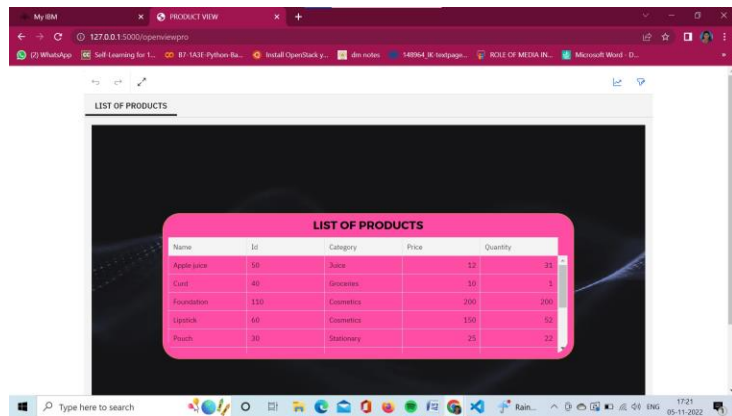| Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00
	Aggregated	2	0(0.00%)	393	392	394	392	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00
	Aggregated	2	0(0.00%)	393	392	394	392	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00
	Aggregated	2	0(0.00%)	393	392	394	392	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00
	Aggregated	2	0(0.00%)	393	392	394	392	0.00	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00

Ln 91, Col 48   Spaces: 4   UTF-8   CRLF   Python   3.10.2 64-bit   Go Live   Prettier

---

Screenshot 2 — VS Code Terminal

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/upcat	2	0(0.00%)	8934	7644	10225	7644	0.00	0.00
	Aggregated	9	0(0.00%)	4316	16	14282	910	0.40	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	1	0(0.00%)	15	15	15	15	0.00	0.00
GET	/addpro	1	0(0.00%)	14282	14282	14282	14282	0.00	0.00
GET	/delpro	1	0(0.00%)	12326	12326	12326	12326	0.00	0.00
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00
GET	/openaddpro	2	0(0.00%)	4812	4673	4950	4700	0.00	0.00
GET	/opendelcategory	1	0(0.00%)	17	17	17	17	0.00	0.00
GET	/openupcategory	1	0(0.00%)	16	16	16	16	0.10	0.00
GET	/openviewpurchase	1	0(0.00%)	913	913	913	913	0.00	0.00
GET	/openviewsummary	1	0(0.00%)	24	24	24	24	0.00	0.00
GET	/upcat	2	0(0.00%)	8934	7644	10225	7644	0.10	0.00
	Aggregated	13	0(0.00%)	4298	15	14282	910	0.20	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	1	0(0.00%)	15	15	15	15	0.00	0.00
GET	/addpro	1	0(0.00%)	14282	14282	14282	14282	0.00	0.00
GET	/delpro	1	0(0.00%)	12326	12326	12326	12326	0.00	0.00
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00
GET	/openaddpro	2	0(0.00%)	4812	4673	4950	4700	0.00	0.00
GET	/opendelcategory	1	0(0.00%)	17	17	17	17	0.00	0.00
GET	/openupcategory	1	0(0.00%)	16	16	16	16	0.10	0.00
GET	/openviewpurchase	1	0(0.00%)	913	913	913	913	0.00	0.00
GET	/openviewsummary	1	0(0.00%)	24	24	24	24	0.00	0.00
GET	/upcat	2	0(0.00%)	8934	7644	10225	7644	0.10	0.00
	Aggregated	13	0(0.00%)	4298	15	14282	910	0.20	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	1	0(0.00%)	15	15	15	15	0.00	0.00

Ln 91, Col 48   Spaces: 4   UTF-8   CRLF   Python   3.10.2 64-bit   Go Live   Prettier

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	1	0(0.00%)	15	15	15	15	0.10	0.00
GET	/addpro	1	0(0.00%)	14282	14282	14282	14282	0.00	0.00
GET	/delpro	1	0(0.00%)	12326	12326	12326	12326	0.10	0.00
GET	/login	2	0(0.00%)	393	392	394	392	0.00	0.00
GET	/openaddpro	2	0(0.00%)	4812	4673	4950	4700	0.10	0.00
GET	/opendelcategory	1	0(0.00%)	17	17	17	17	0.10	0.00
GET	/opendelpro	1	0(0.00%)	5030	5030	5030	5030	0.10	0.00
GET	/openupcategory	2	0(0.00%)	13	10	16	11	0.10	0.00
GET	/openviewpurchase	2	0(0.00%)	460	8	913	8	0.10	0.00
GET	/openviewsummary	1	0(0.00%)	24	24	24	24	0.00	0.00
GET	/upcat	2	0(0.00%)	8934	7644	10225	7644	0.00	0.00
GET	/uppro	1	0(0.00%)	7980	7980	7980	7980	0.00	0.00
	Aggregated	17	0(0.00%)	4053	8	14282	910	0.70	0.00

Type	Name	# reqs	# fails	Avg	Min	Max	Med	req/s	failures/s
GET	/	1	0(0.00%)	15	15	15	15	0.02	0.00
GET	/addpro	1	0(0.00%)	14282	14282	14282	14282	0.02	0.00
GET	/delpro	1	0(0.00%)	12326	12326	12326	12326	0.02	0.00
GET	/login	2	0(0.00%)	393	392	394	392	0.05	0.00
GET	/mkdelorder	1	0(0.00%)	7902	7902	7902	7902	0.02	0.00
GET	/openaddpro	2	0(0.00%)	4812	4673	4950	4700	0.05	0.00
GET	/opendelcategory	1	0(0.00%)	17	17	17	17	0.02	0.00
GET	/opendelpro	1	0(0.00%)	5030	5030	5030	5030	0.02	0.00
GET	/openupcategory	2	0(0.00%)	13	10	16	11	0.05	0.00
GET	/openviewpurchase	2	0(0.00%)	460	8	913	8	0.05	0.00
GET	/openviewsummary	1	0(0.00%)	24	24	24	24	0.02	0.00
GET	/upcat	3	0(0.00%)	8439	7447	10225	7600	0.07	0.00
GET	/uppro	1	0(0.00%)	7980	7980	7980	7980	0.02	0.00
	Aggregated	19	0(0.00%)	4434	8	14282	4700	0.43	0.00

```
Response time percentiles (approximated)
Type     Name                                                          50%    66%    75%    80%    90%    95%    98%    99%  99.9% 99.99
%   100% # reqs
--------|---------------------------------------------------------|--------|------|------|------|------|------|------|------|------|-----
-|------|------
GET      /                                                             16     16     16     16     16     16     16     16     16      1
6     16        1
GET      /addpro                                                    14000  14000  14000  14000  14000  14000  14000  14000  14000   1400
0  14000        1
GET      /delpro                                                    12000  12000  12000  12000  12000  12000  12000  12000  12000   1200
0  12000        1
GET      /login                                                       390    390    390    390    390    390    390    390    390     39
0    390        2
GET      /mkdelorder                                                 7900   7900   7900   7900   7900   7900   7900   7900   7900    790
0   7900        1
GET      /openaddpro                                                 5000   5000   5000   5000   5000   5000   5000   5000   5000    500
0   5000        2
GET      /opendelcategory                                              17     17     17     17     17     17     17     17     17      1
7     17        1
GET      /opendelpro                                                 5000   5000   5000   5000   5000   5000   5000   5000   5000    500
0   5000        1
GET      /openupcategory                                               17     17     17     17     17     17     17     17     17      1
7     17        2
GET      /openviewpurchase                                            910    910    910    910    910    910    910    910    910     91
0    910        2
GET      /openviewsummary                                              24     24     24     24     24     24     24     24     24      2
4     24        1
GET      /upcat                                                      7600   7600  10000  10000  10000  10000  10000  10000  10000   1000
0  10000        3
GET      /uppro                                                      8000   8000   8000   8000   8000   8000   8000   8000   8000    800
0   8000        1
--------|---------------------------------------------------------|--------|------|------|------|------|------|------|------|------|-----
-|------|------
         Aggregated                                                  4700   7400   7900   8000  12000  14000  14000  14000  14000   1400
0  14000       19
```