

ASSIGNMENT-2

GLOBAL SALES DATA ANALYTICS

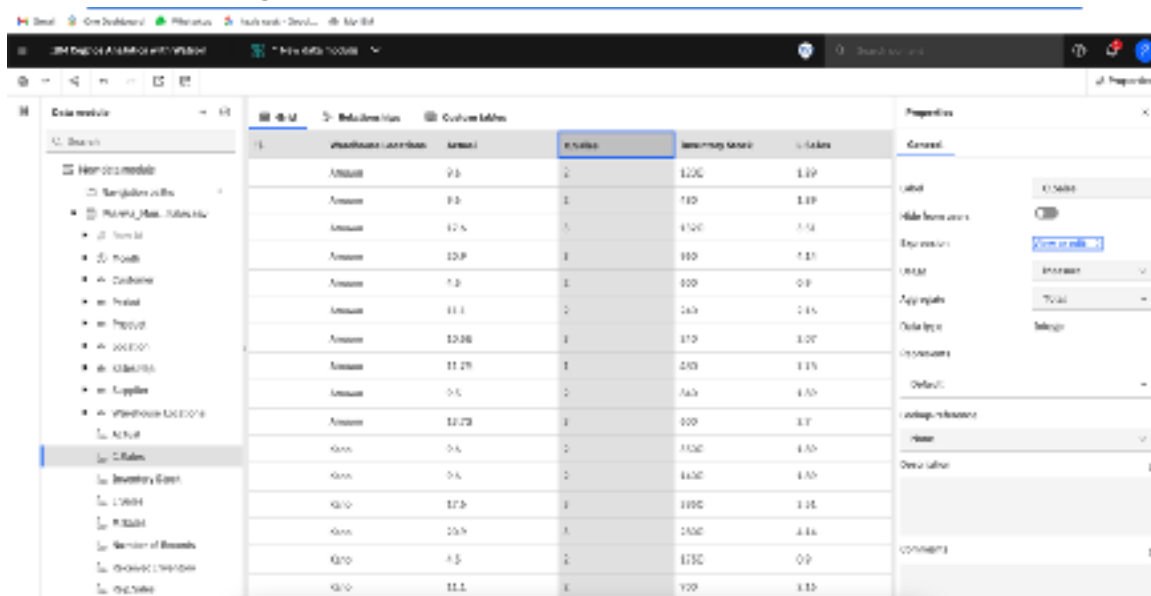
Data Cleaning:(Before)

Supplier	Warehouse Location	ACBML	C-Sales	Inventory Stock	L-Sales	M-Sales	Memo
Johna Zennaro	Almanac	9.6	3	1200	1.19	4.134	1
Johna Zennaro	Almanac	9.6	8	480	1.19	4.134	1
Johna Zennaro	Almanac	17.5	3	1310	3.11	7.194	1
Johna Zennaro	Almanac	20.9	3	960	4.11	9.194	1
Johna Zennaro	Almanac	4.5	8	400	8.9	1.18	1
Johna Zennaro	Almanac	11.1	3	240	2.10	4.194	1
Johna Zennaro	Almanac	10.18	3	760	7.10	4.194	1
Johna Zennaro	Almanac	11.17	1	480	7.11	4.19	1
Johna Zennaro	Almanac	9.6	3	840	1.10	4.19	1
Johna Zennaro	Almanac	10.12	3	480	2.1	4.194	1
Johna Zennaro	Almanac	9.6	3	3600	1.10	2.193	1
Johna Zennaro	Almanac	9.6	8	1400	1.10	2.193	1
Johna Zennaro	Almanac	17.5	3	2000	3.11	3.192	1
Johna Zennaro	Almanac	20.9	3	2000	4.11	4.194	1
Johna Zennaro	Almanac	4.5	8	1700	8.9	9.19	1

Data Cleaning:(Expression)

Supplier	Warehouse Location	ACBML	C-Sales	Inventory Stock	L-Sales	M-Sales	Memo
Johna Zennaro	Almanac	9.6	3	1200	1.19	4.134	1
Johna Zennaro	Almanac	9.6	8	480	1.19	4.134	1
Johna Zennaro	Almanac	17.5	3	1310	3.11	7.194	1
Johna Zennaro	Almanac	20.9	3	960	4.11	9.194	1
Johna Zennaro	Almanac	4.5	8	400	8.9	1.18	1
Johna Zennaro	Almanac	11.1	3	240	2.10	4.194	1
Johna Zennaro	Almanac	10.18	3	760	7.10	4.194	1
Johna Zennaro	Almanac	11.17	1	480	7.11	4.19	1
Johna Zennaro	Almanac	9.6	3	840	1.10	4.19	1
Johna Zennaro	Almanac	10.12	3	480	2.1	4.194	1
Johna Zennaro	Almanac	9.6	3	3600	1.10	2.193	1
Johna Zennaro	Almanac	9.6	8	1400	1.10	2.193	1
Johna Zennaro	Almanac	17.5	3	2000	3.11	3.192	1
Johna Zennaro	Almanac	20.9	3	2000	4.11	4.194	1
Johna Zennaro	Almanac	4.5	8	1700	8.9	9.19	1

Data Cleaning:(After)



Warehouse Location	Amount	Product	Inventory Status	Sales
Atlanta	9.3	2	1200	1.19
Atlanta	9.3	1	110	1.19
Atlanta	17.5	5	1520	3.51
Atlanta	10.9	1	110	1.15
Atlanta	7.9	1	100	0.9
Atlanta	11.1	2	140	1.15
Atlanta	10.98	1	170	1.07
Atlanta	11.25	1	240	1.15
Atlanta	9.5	2	540	1.50
Atlanta	11.23	1	100	1.1
Knox	9.5	2	1520	1.50
Knox	9.5	2	1430	1.50
KNOX	17.5	1	1190	1.15
Knox	10.5	1	1430	1.15
KNO	11.1	1	170	1.10

Data cleaning link:

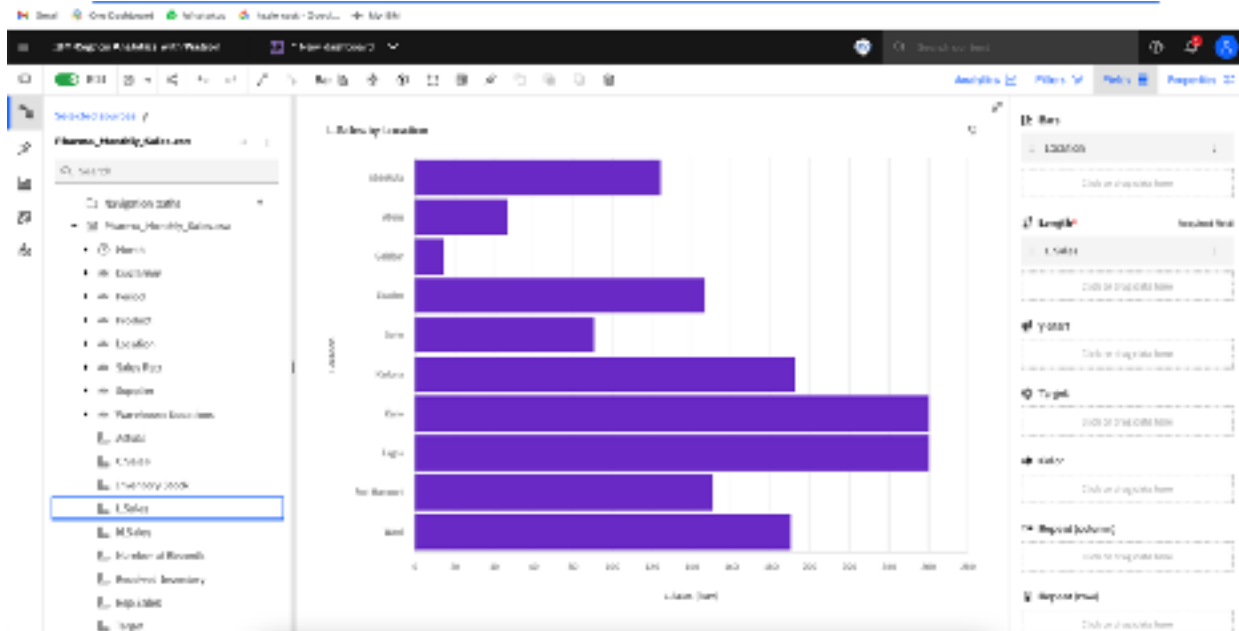
https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2FData_Cleaning_Varsha

Data Visualization:

Sales by customer



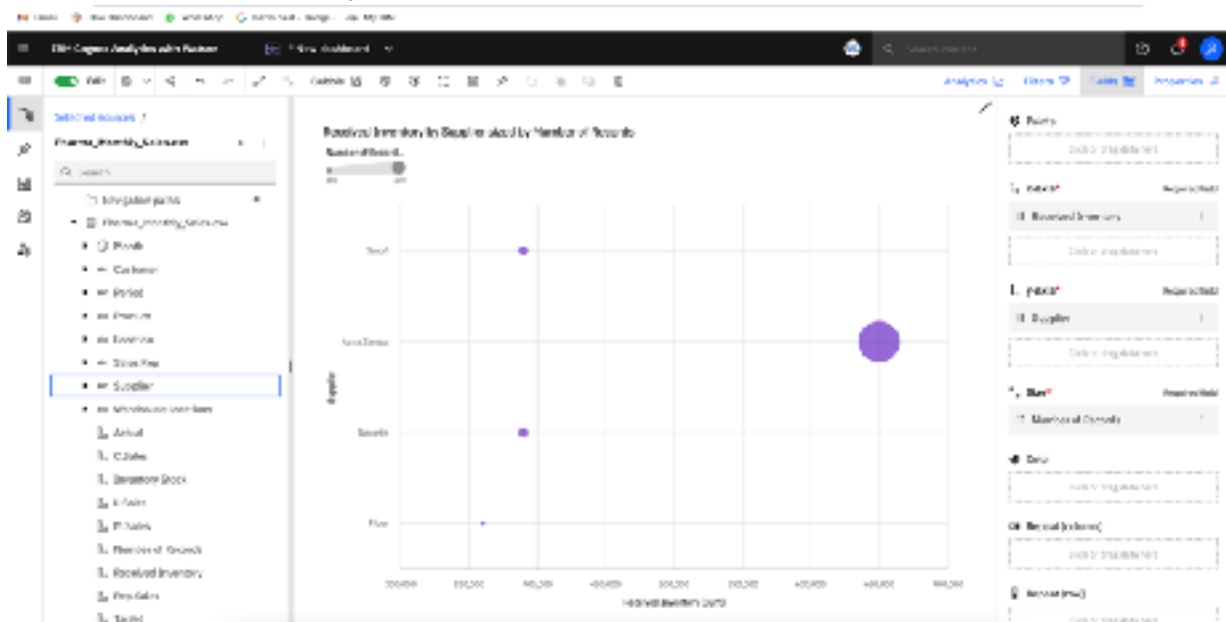
Sales By location



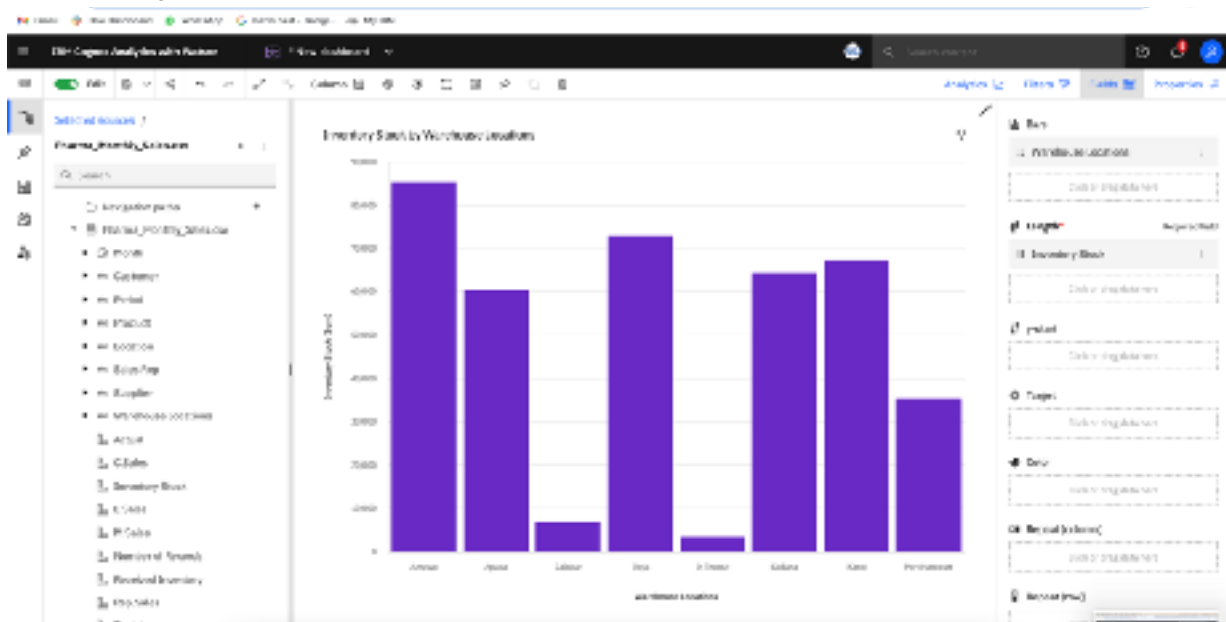
Sales by sales representative



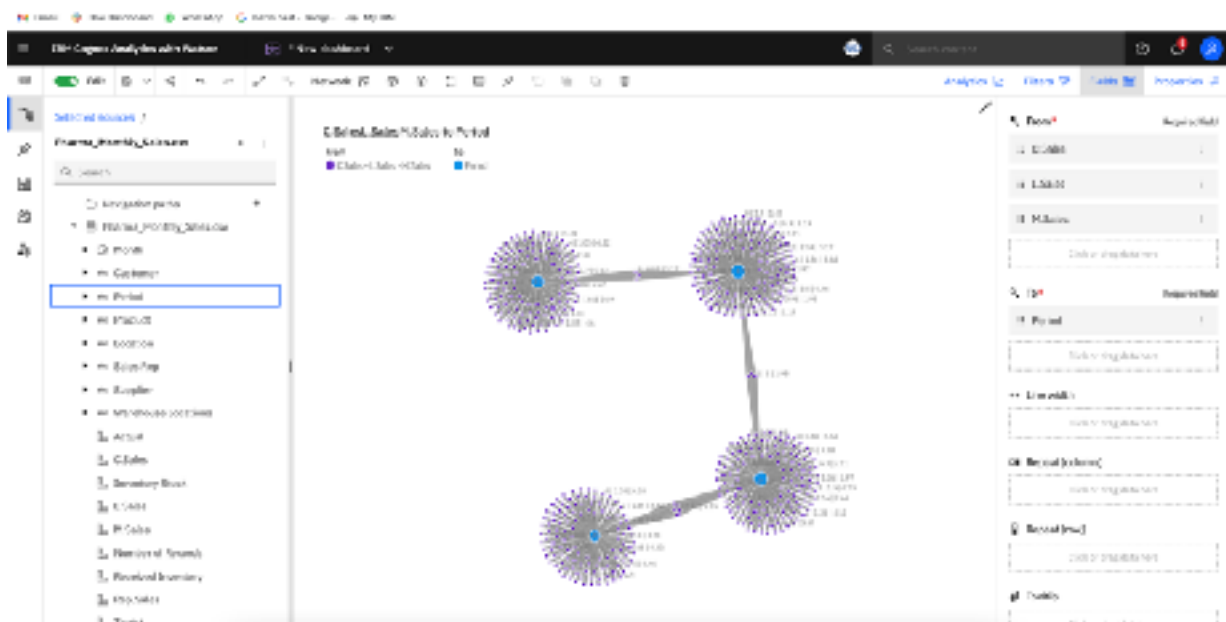
Received Inventory from Supplier



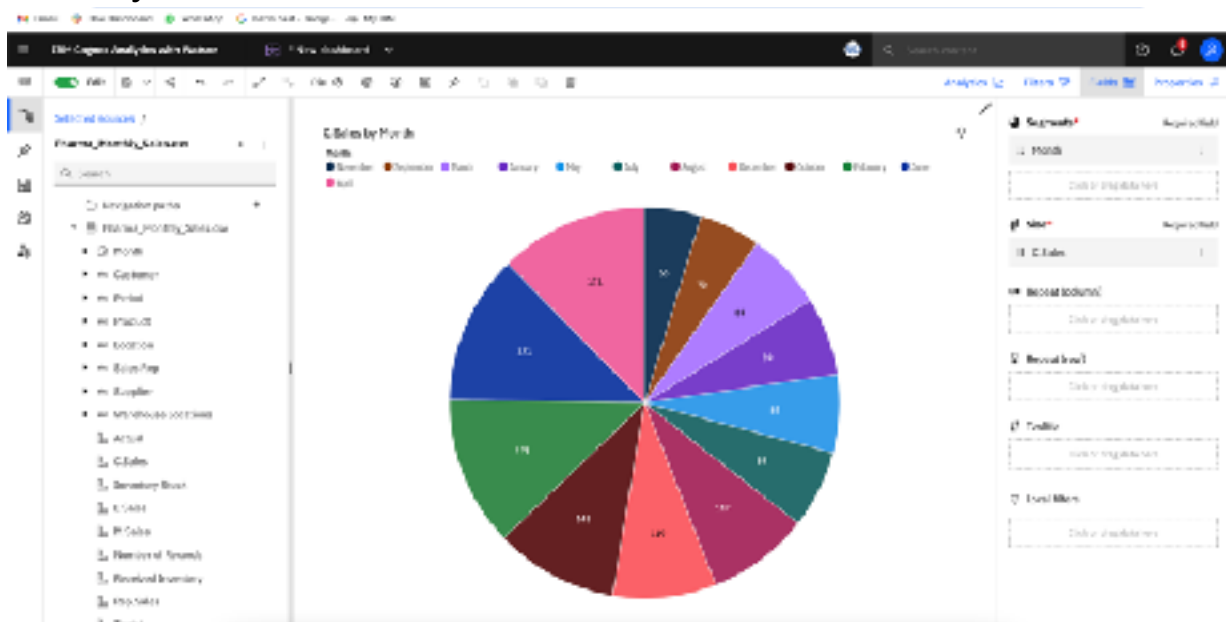
Inventory stock for warehouse locations



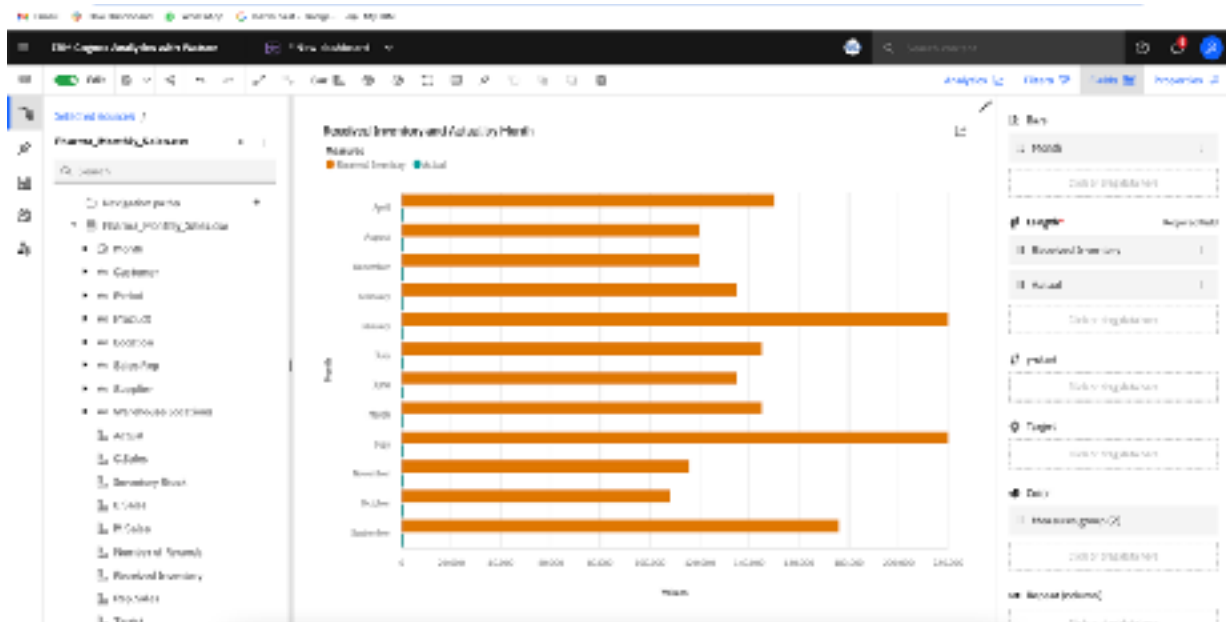
Sales trend



Monthly Sales



Actual and Received Inventory by month



Tab 1



Tab 1 - link

https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FData_Visulation_Varsha&action=view&mode=dashboard&subView=model0000018384e85a30_00000002

Tab 2



Tab 2 - link

https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FData_Visulation_Varsha&action=view&mode=dashboard&subView=model0000018384f56731_00000000