

**SIMPLILEARN BUSINESS ANALYSIS CAPSTONE
PROJECT**

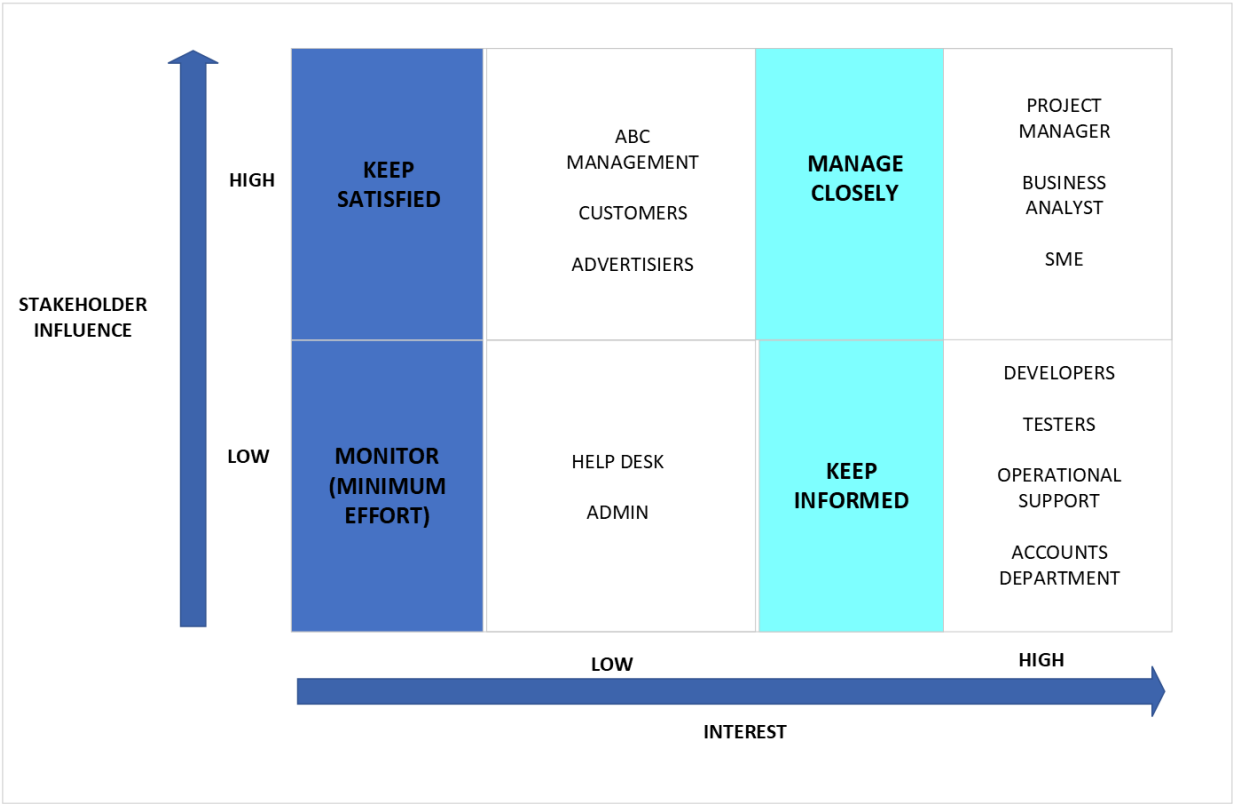
AMAZON PANTRY

BY

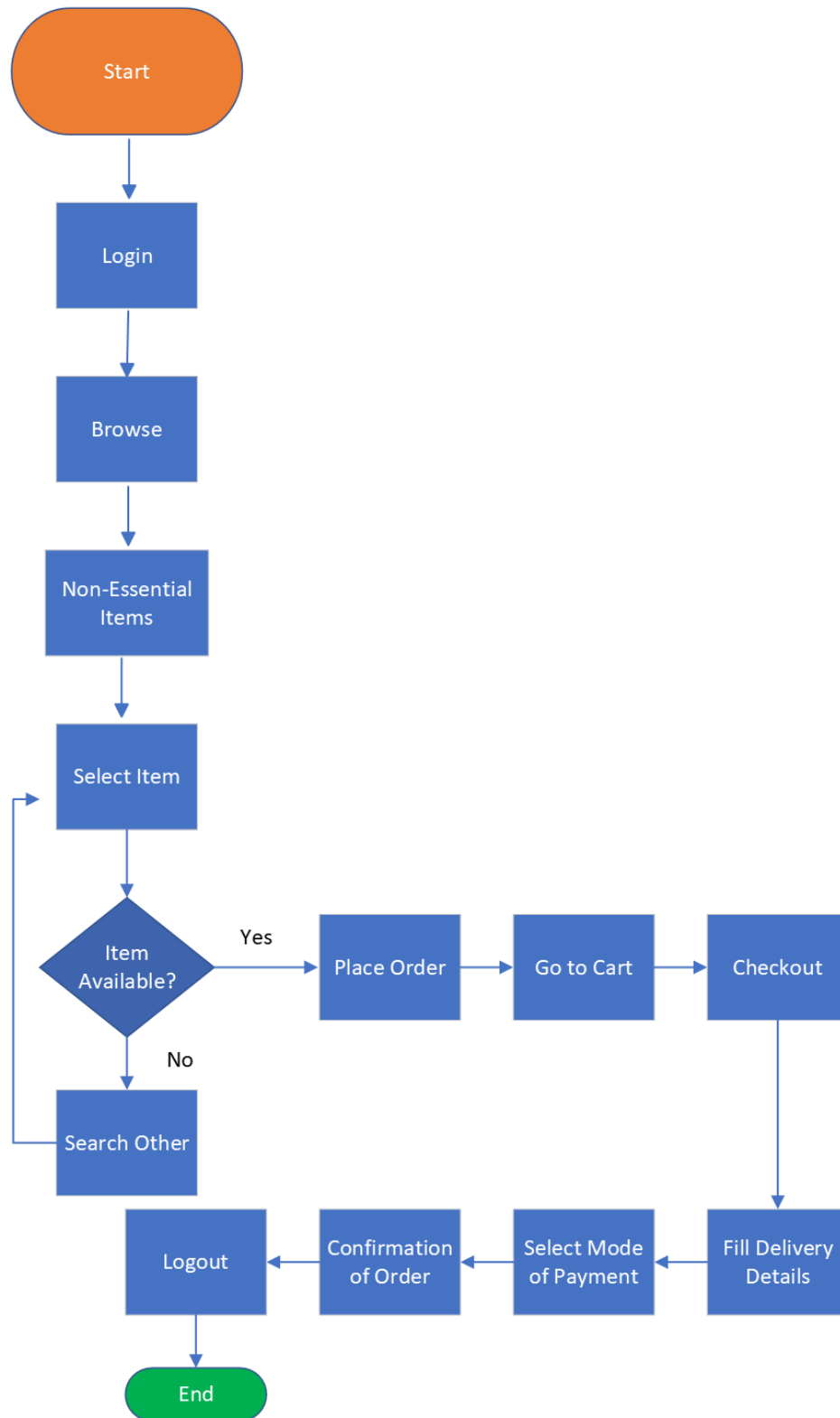
TEMITOPE SAMUEL BADERO

SEP 2022

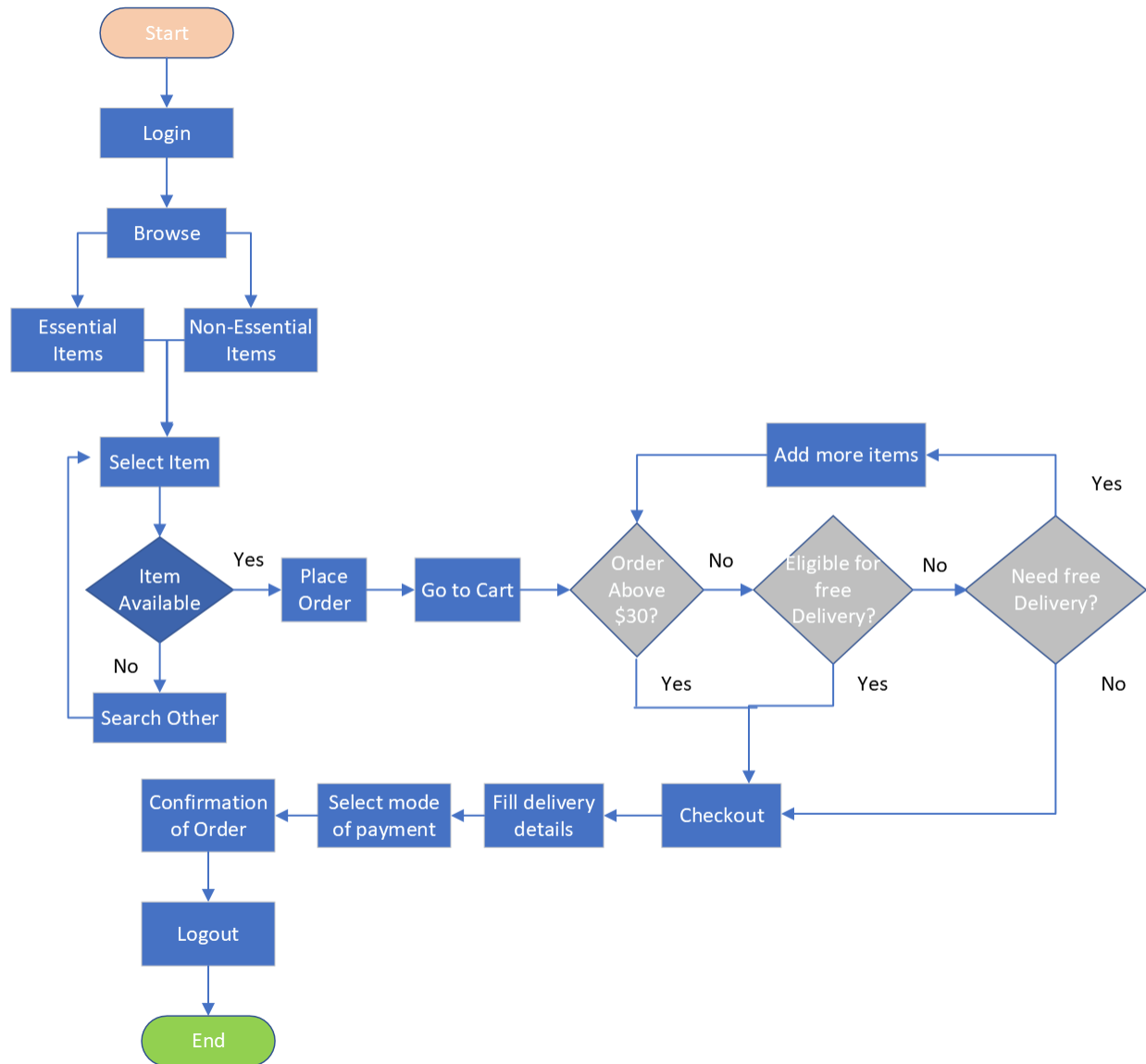
STAKEHOLDER MATRIX



AS IS PROCESS



FUTURE PROCESS



MAIN FEATURES OF ONLINE PANTRY

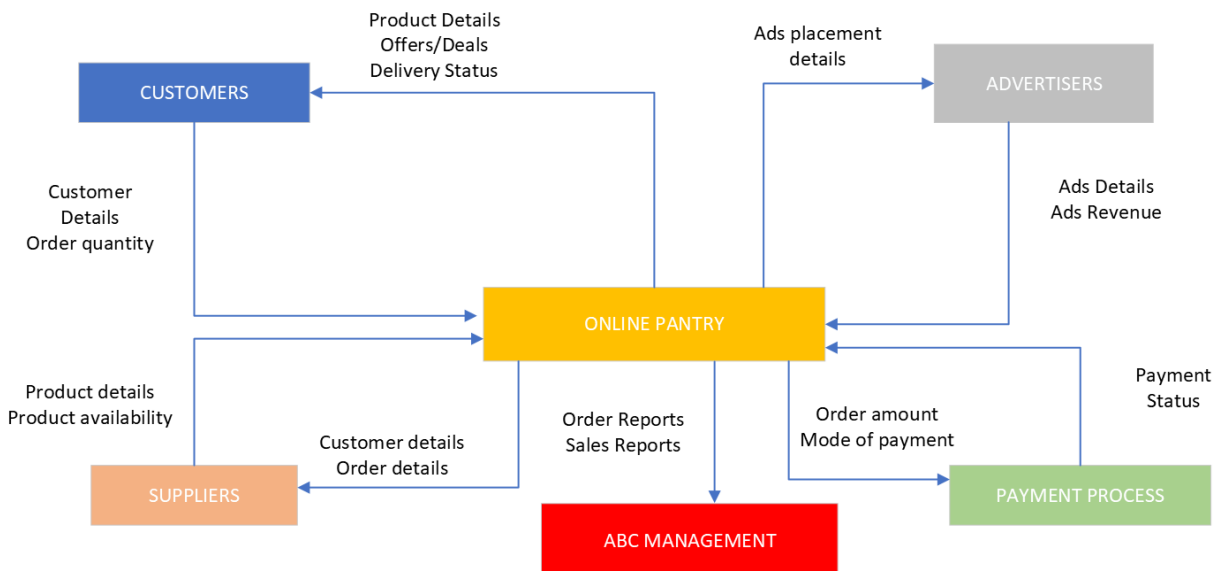
- 1) Addition of daily essential products that are sold under the new feature called Pantry
- 2) Pantry feature to include various product categories of daily essential items
- 3) Categories included:
 - Flour and rice
 - Sugar, salt and spices
 - Pulses
 - Personal care
 - Snacks
 - Hand was and sanitizers
 - Household cleaning essentials
 - Breakfast food items
 - Tea and coffee
 - Baby care
 - Female hygiene
 - Tissues and fresheners

IN SCOPE AND OUT OF SCOPE REQUIREMENTS

<u>IN-SCOPE REQUIREMENTS</u>	<u>OUT-OF SCOPE REQUIREMENTS</u>
<ol style="list-style-type: none">1) Addition of new feature in existing system called Pantry2) Placement of feature at prominently visible area3) Pantry feature to include various categories of daily essential items4) Placement of 5 non-intrusive advertisements in feature5) Offer and deals to be displayed in feature6) Essential item orders to be added to cart along with non-essential items7) Amount of total orders placed to exceed 30USD8) Free delivery applicable for Total orders above 50USD9) Storage of data for Management Reports	<ol style="list-style-type: none">1) Offline access to Pantry feature2) Monthly/Quarterly subscription to essential products for delivery3) Additional discounts on items with deals/offers4) Order cancellation/refund request5) Request for specific delivery time6) Availability of fresh meat7) Total order placement for amount below 30USD

CONTEXT DIAGRAM

CONTEXT DIAGRAM



BUSINESS REQUIREMENTS

FUNCTIONAL REQUIRMENTS

- 1) Addition of New feature in existing system call Pantry
- 2) Placement of feature at prominent and visible area
- 3) Inclusion of various product categories of daily essential items in Pantry feature
- 4) Non-intrusive placement of five advertisements in new feature
- 5) Display of offers and deals in new feature
- 6) Essential item orders to be added along with non-essential items to the cart
- 7) Total amount of orders places to exceed 30USD
- 8) Free delivery applicable for total orders placed with amount above 50USD
- 9) Storage of data for Management Reports

NON-FUNCTIONAL REQUIREMENTS

- 1) Maintainability: New program feature is to be maintained in the existing system
- 2) Scalability: The system would be able to support huge volume of customers' orders without affecting the system
- 3) Usability: The system should be user friendly and self-explanatory
- 4) Security: The system should be protected against hacks and malicious threats
- 5) Capability: Feature would be able to sell daily essential products resulting in repeat sales monthly
- 6) Availability: The system feature would work effectively and would be fast rendering

WIREFRAMES OF THE NEW FEATURE

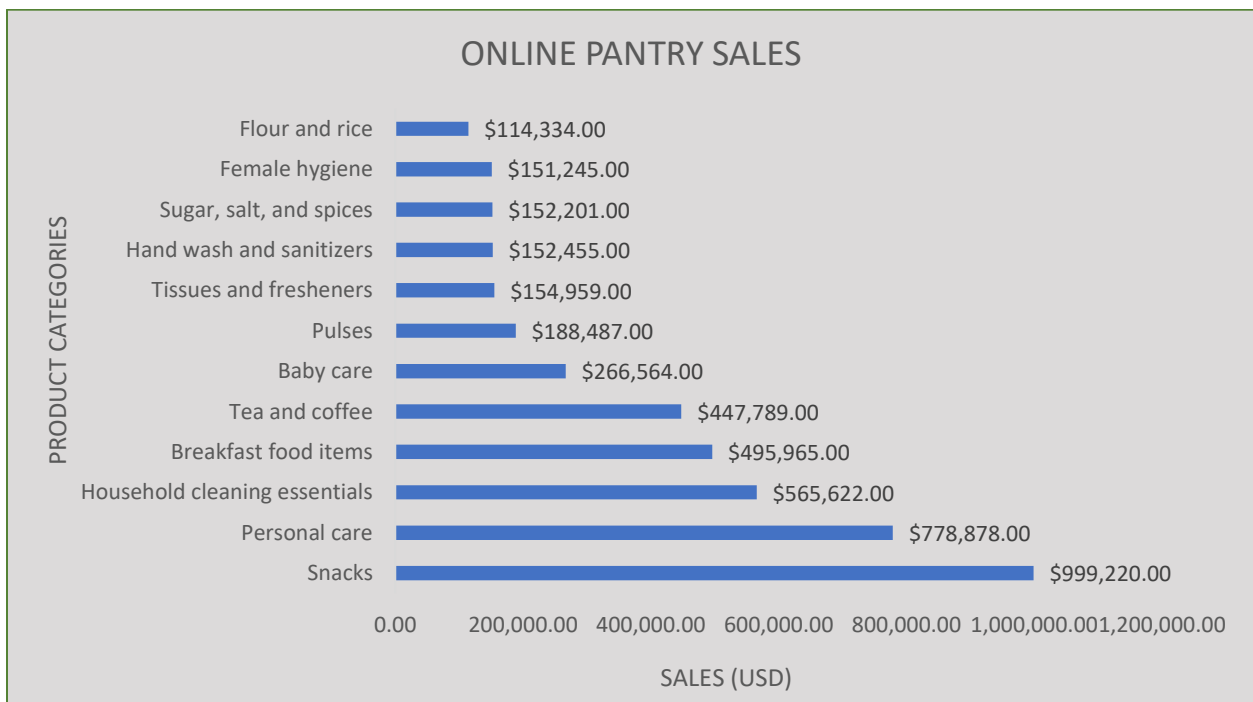


EXCEL TASKS

Q1.	Create a bar graph showing the sales. Label the chart correctly so that senior management gets a clear report of sales.
	Arrange the data above in excel in ascending and descending order.

Data arranged in descending order

Product Categories	Sales in USD
Snacks	999,220.00
Personal care	778,878.00
Household cleaning essentials	565,622.00
Breakfast food items	495,965.00
Tea and coffee	447,789.00
Baby care	266,564.00
Pulses	188,487.00
Tissues and fresheners	154,959.00
Hand wash and sanitizers	152,455.00
Sugar, salt, and spices	152,201.00
Female hygiene	151,245.00
Flour and rice	114,334.00



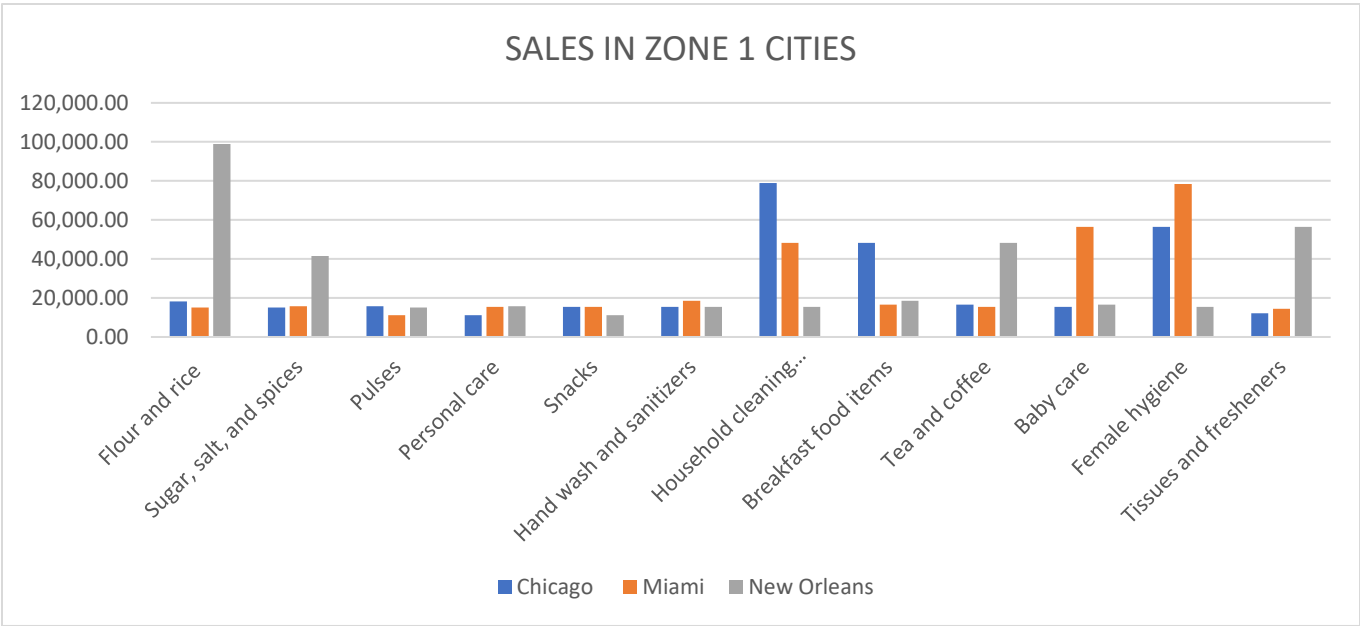
Data arranged in ascending order

Product Categories	Sales in USD
Flour and rice	114,334.00
Female hygiene	151,245.00
Sugar, salt, and spices	152,201.00
Hand wash and sanitizers	152,455.00
Tissues and fresheners	154,959.00
Pulses	188,487.00
Baby care	266,564.00
Tea and coffee	447,789.00
Breakfast food items	495,965.00
Household cleaning essentials	565,622.00
Personal care	778,878.00
Snacks	999,220.00
TOTAL SALES	4,467,719.00



TOTAL SALES	4,467,719.00
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Excel Q2

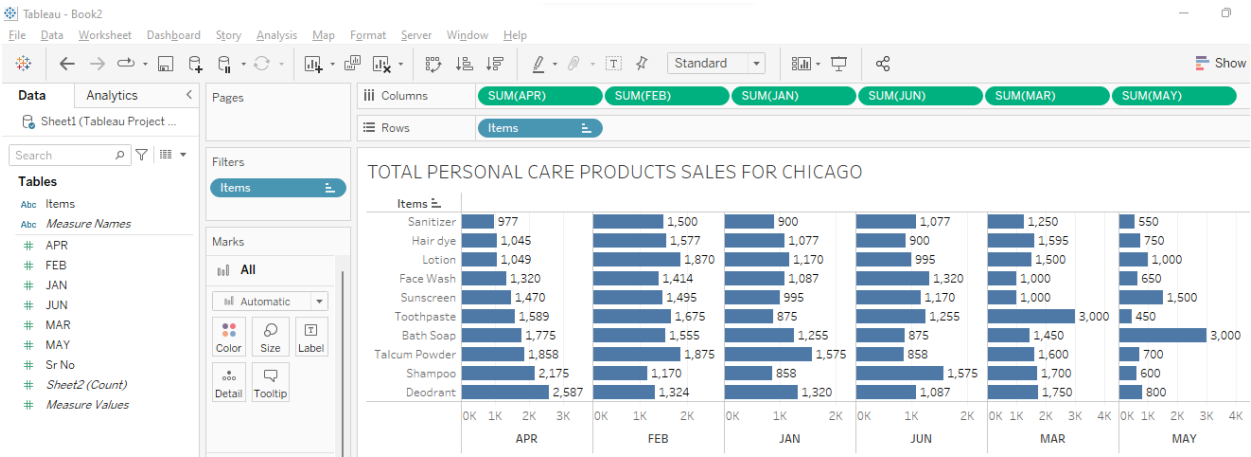
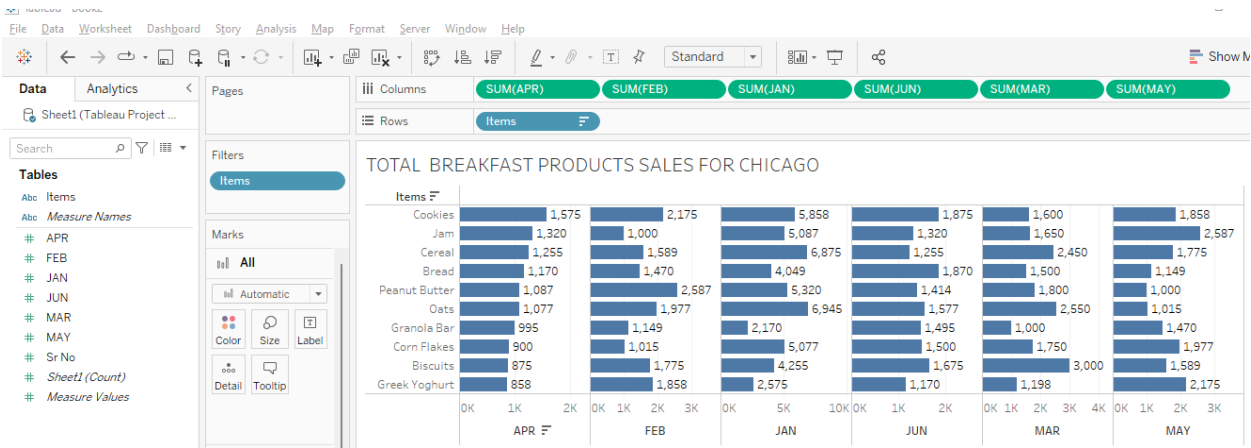


Q3

Using Vlookup for product code HS, find sales in Phoenix		
Handwash and Sanitizers	HS	1,544.00
fx =VLOOKUP(B18, B3:N14,11,0)		

Using Vlookup for product code FR, find sales in Dallas		
Flour and rice	FR	7,895.00
fx =VLOOKUP(B22, B3:N14,8,0)		

TABLEAU TASK



DATA ASSUMPTIONS

BFI		CHICAGO SALES					
Sr No	ITEMS	JAN	FEB	MAR	APR	MAY	JUN
1	Biscuits	4255	1775	3000	875	1589	1675
2	Bread	4049	1470	1500	1170	1149	1870
3	Cereal	6875	1589	2450	1255	1775	1255
4	Corn Flakes	5077	1015	1750	900	1977	1500
5	Granola Bar	2170	1149	1000	995	1470	1495
6	Greek Yoghurt	2575	1858	1198	858	2175	1170
7	Jam	5087	1000	1650	1320	2587	1320
8	Cookies	5858	2175	1600	1575	1858	1875
9	Oats	6945	1977	2550	1077	1015	1577
10	Peanut Butter	5320	2587	1800	1087	1000	1414
	Total	48211	16595	18498	11112	16595	15151

PC		CHICAGO SALES					
Sr No	ITEMS	JAN	FEB	MAR	APR	MAY	JUN
1	Bath Soap	1255	1555	1450	1775	3000	875
2	Deodrant	1320	1324	1750	2587	800	1087
3	Face Wash	1087	1414	1000	1320	650	1320
4	Hair dye	1077	1577	1595	1045	750	900
5	Lotion	1170	1870	1500	1049	1000	995
6	Sanitizer	900	1500	1250	977	550	1077
7	Shampoo	858	1170	1700	2175	600	1575
8	Sunscreen	995	1495	1000	1470	1500	1170
9	Talcum Powder	1575	1875	1600	1858	700	858
10	Toothpaste	875	1675	3000	1589	450	1255
	Total	11112	15455	15845	15845	10000	11112