

Feedback Data Analysis Report

Summary Statistics

	Quantity_purchased	Feedback	Price	Total_price	...	Days_to_expiration	Year	Quarter	Month
count	10000.000000	10000.000000	10000.000000	10000.000000	...	10000.000000	10000.000000	10000.000000	10000.000000
mean	54.560800	2.484000	46.883100	2551.403700	...	42.115700	2022.463300	2.488800	6.477700
min	10.000000	0.000000	10.000000	100.000000	...	5.000000	2020.000000	1.000000	1.000000
25%	32.000000	1.000000	25.000000	1007.250000	...	23.000000	2021.000000	2.000000	4.000000
50%	55.000000	2.000000	40.000000	1910.000000	...	42.000000	2022.000000	2.000000	6.000000
75%	77.000000	4.000000	65.000000	3430.000000	...	61.000000	2024.000000	3.000000	9.000000
max	99.000000	5.000000	120.000000	11880.000000	...	80.000000	2025.000000	4.000000	12.000000
std	25.971984	1.710274	28.366359	2091.936537	...	21.899627	1.631478	1.087563	3.317741

[8 rows x 10 columns]

Sales Data of Each Product

Product_name	
Maggi	1047
Khari	1018

Pasta	1012
Banana Chips	1008
Toffee	1007
Nachos	993
Pie	990
Ketchup	984
Biscuit	975
Cookie	966

Mean Feedback of Each Country/Product

Product_name	Banana Chips	Biscuit	Cookie	Ketchup	Khari	Maggi	Nachos
Pasta	Pie	Toffee					
Country							
Bangladesh	2.533742	2.555556	2.421687	2.443787	2.298851	2.494253	2.505747
2.470588	2.500000	2.406061					
Bhutan	2.720930	2.220126	2.592593	2.527473	2.395062	2.360215	2.391304
2.470968	2.568966	2.440678					
India	2.544444	2.364198	2.414286	2.627119	2.385057	2.480447	2.237500
2.448864	2.304636	2.593750					
Nepal	2.648148	2.433735	2.596386	2.482558	2.493827	2.722222	2.537500
2.523810	2.470588	2.445783					
Pakistan	2.411043	2.421053	2.406977	2.485507	2.619883	2.465116	2.284810
2.513812	2.516779	2.384615					
Sri-Lanka	2.702381	2.650273	2.506250	2.273973	2.365714	2.580460	2.738854
2.537037	2.496933	2.523179					

Product Review Overview

Product_name	Banana	Chips	Biscuit	Cookie	Ketchup	Khari	Maggi	Nachos	Pasta	Pie
Toffee										
Comments										
Average		176	152	150	190	154	185	169	172	142
178										
Excellent		178	160	172	150	172	163	162	180	169
160										
Good		175	142	163	159	151	180	157	153	172
163										
No Feedback		155	157	184	158	178	167	180	171	182
174										
Poor		173	196	147	157	180	189	161	160	170
168										
Very Poor		151	168	150	170	183	163	164	176	155
164										

Top product based on price:

Product_name	
Pasta	5472890
Cookie	4713960
Ketchup	2960805
Nachos	2942125
Pie	2192845

Top product based on Quantity:

Product_name	
Maggi	58017

Pasta	55403
Banana Chips	55350
Toffee	55288
Khari	55037

Top product based on orders:

Product_name

Maggi	1047
Khari	1018
Pasta	1012
Banana Chips	1008
Toffee	1007

Performance of each country:

Product_name	Banana Chips	Biscuit	Cookie	Ketchup	Khari	Maggi	Nachos
Pasta	Pie	Toffee					

Country

Bangladesh	2.533742	2.555556	2.421687	2.443787	2.298851	2.494253	2.505747
	2.470588	2.500000	2.406061				
Bhutan	2.720930	2.220126	2.592593	2.527473	2.395062	2.360215	2.391304
	2.470968	2.568966	2.440678				
India	2.544444	2.364198	2.414286	2.627119	2.385057	2.480447	2.237500
	2.448864	2.304636	2.593750				
Nepal	2.648148	2.433735	2.596386	2.482558	2.493827	2.722222	2.537500
	2.523810	2.470588	2.445783				
Pakistan	2.411043	2.421053	2.406977	2.485507	2.619883	2.465116	2.284810
	2.513812	2.516779	2.384615				

Sri-Lanka	2.702381	2.650273	2.506250	2.273973	2.365714	2.580460	2.738854
2.537037	2.496933	2.523179					

Country with most sales:

Country

Bhutan	5106425
--------	---------

Countrywise top products:

	Product_name	Total_price
Country		
Bangladesh	Pasta	940500
Bhutan	Pasta	937545
India	Pasta	1106520
Nepal	Pasta	904800
Pakistan	Cookie	742275
Sri-Lanka	Pasta	842600

Annual Sales report:

Year

2020	3942054
2021	4416737
2022	4617388
2023	4491319
2024	4736509
2025	3310030

Quarterly sales report:

Quarter	1	2	3	4
Year				

2020	484779	1087694	1136519	1233062
2021	1041906	994456	1167528	1212847
2022	1064158	1148551	1248066	1156613
2023	1027986	1153548	1127972	1181813
2024	1249813	1143016	1184624	1159056
2025	1174026	1126032	922193	87779

Monthly sales report:

Month	1	2	3	4	5	6	7	8
9	10	11	12					
Year								
2020	25533.0	110650.0	348596.0	350728.0	403855.0	333111.0	337611.0	380598.0
	418310.0	437470.0	380965.0	414627.0				
2021	353196.0	345187.0	343523.0	318161.0	315382.0	360913.0	405023.0	351571.0
	410934.0	394185.0	379415.0	439247.0				
2022	395077.0	247975.0	421106.0	396715.0	312823.0	439013.0	415248.0	379940.0
	452878.0	421977.0	400153.0	334483.0				
2023	343070.0	346069.0	338847.0	377394.0	394564.0	381590.0	402469.0	373147.0
	352356.0	367792.0	422100.0	391921.0				
2024	423929.0	333767.0	492117.0	298280.0	414648.0	430088.0	423016.0	416878.0
	344730.0	430945.0	383995.0	344116.0				
2025	346284.0	385443.0	442299.0	340356.0	396683.0	388993.0	374819.0	361295.0
	186079.0	87779.0	NaN	NaN				

Fast selling products:

	Transaction_date	Expiration	Days_to_expiration
0	2022-06-19	2022-07-26	37

1	2024-10-28	2024-12-16	49
2	2025-01-14	2025-02-10	27
3	2021-09-11	2021-10-13	32
4	2025-03-31	2025-04-17	17

Price variation in products in each country:

Country	Product_name	Price
Bangladesh	Banana Chips	35
Bangladesh	Biscuit	18
Bangladesh	Cookie	80
Bangladesh	Ketchup	45
Bangladesh	Khari	20
Bangladesh	Maggi	35
Bangladesh	Nachos	35
Bangladesh	Pasta	95
Bangladesh	Pie	30
Bangladesh	Toffee	10
Bhutan	Banana Chips	45
Bhutan	Biscuit	25
Bhutan	Cookie	105
Bhutan	Ketchup	65
Bhutan	Khari	45
Bhutan	Maggi	25
Bhutan	Nachos	75
Bhutan	Pasta	105
Bhutan	Pie	55
Bhutan	Toffee	15

India	Banana Chips	40
India	Biscuit	20
India	Cookie	100
India	Ketchup	60
India	Khari	40
India	Maggi	25
India	Nachos	65
India	Pasta	120
India	Pie	50
India	Toffee	20
Nepal	Banana Chips	45
Nepal	Biscuit	24
Nepal	Cookie	95
Nepal	Ketchup	55
Nepal	Khari	35
Nepal	Maggi	25
Nepal	Nachos	55
Nepal	Pasta	100
Nepal	Pie	45
Nepal	Toffee	15
Pakistan	Banana Chips	30
Pakistan	Biscuit	15
Pakistan	Cookie	75
Pakistan	Ketchup	55
Pakistan	Khari	25
Pakistan	Maggi	15
Pakistan	Nachos	60

Pakistan	Pasta	75
Pakistan	Pie	25
Pakistan	Toffee	12
Sri-Lanka	Banana Chips	25
Sri-Lanka	Biscuit	22
Sri-Lanka	Cookie	85
Sri-Lanka	Ketchup	50
Sri-Lanka	Khari	35
Sri-Lanka	Maggi	30
Sri-Lanka	Nachos	45
Sri-Lanka	Pasta	100
Sri-Lanka	Pie	35
Sri-Lanka	Toffee	10

Top five products on basis of feedback:

Product_name

Banana Chips	2.594246
Maggi	2.512894
Pasta	2.494071
Cookie	2.490683
Ketchup	2.479675

Bottom three countries on basis of Feedback:

Product_name

Khari	2.425344
Biscuit	2.445128
Nachos	2.448137

Quality analysis:

Product_name	Banana	Chips	Biscuit	Cookie	Ketchup	Khari	Maggi	Nachos
Pasta	Pie	Toffee						

Year								
2020		2.404624	2.372093	2.510638	2.568862	2.396104	2.641975	2.439490
	2.706250	2.460993	2.363636					
2021		2.476190	2.295455	2.489011	2.587500	2.322404	2.481081	2.516779
	2.430939	2.629630	2.736196					
2022		2.596591	2.573099	2.358289	2.391026	2.364162	2.376812	2.565217
	2.418478	2.473054	2.346405					
2023		2.571429	2.424731	2.611842	2.421053	2.709184	2.440860	2.383784
	2.420732	2.416216	2.419913					
2024		2.869822	2.412429	2.394444	2.497268	2.340426	2.553073	2.265625
	2.614213	2.386243	2.532609					
2025		2.664286	2.617647	2.661290	2.401361	2.379032	2.664062	2.579365
	2.333333	2.512605	2.390977					

Highest total price:

Pasta

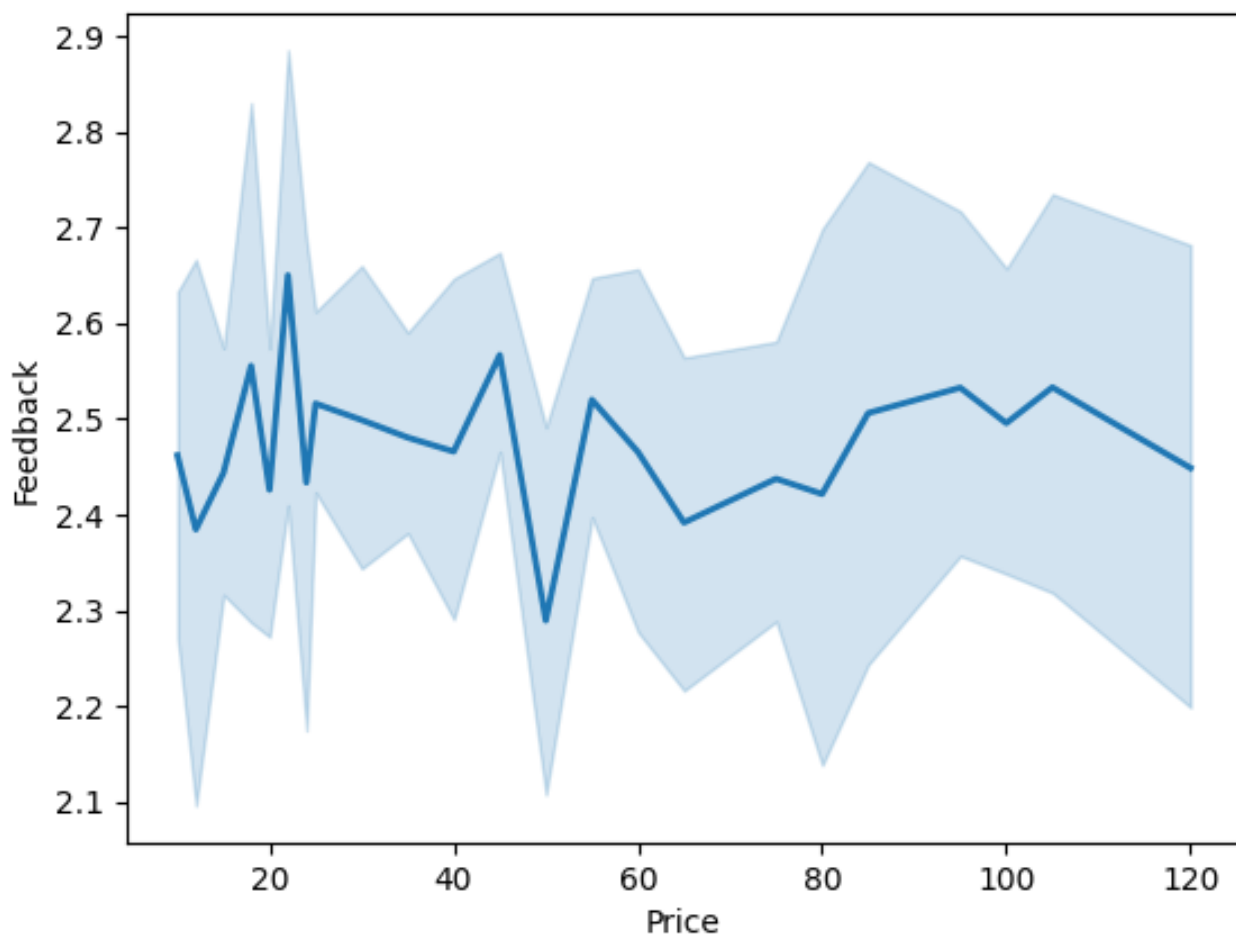
Lowest total price:

Toffee

Most stock purchasing country:

Bhutan

Price vs.Feedback



Product Popularity

