INSIGHTS & KEY FINDINGS

Power BI APP

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Supply Chain Challenge
BY CODEBASICS, OCT 2022

Created by:
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INSIGHTS & KEY FINDINGS

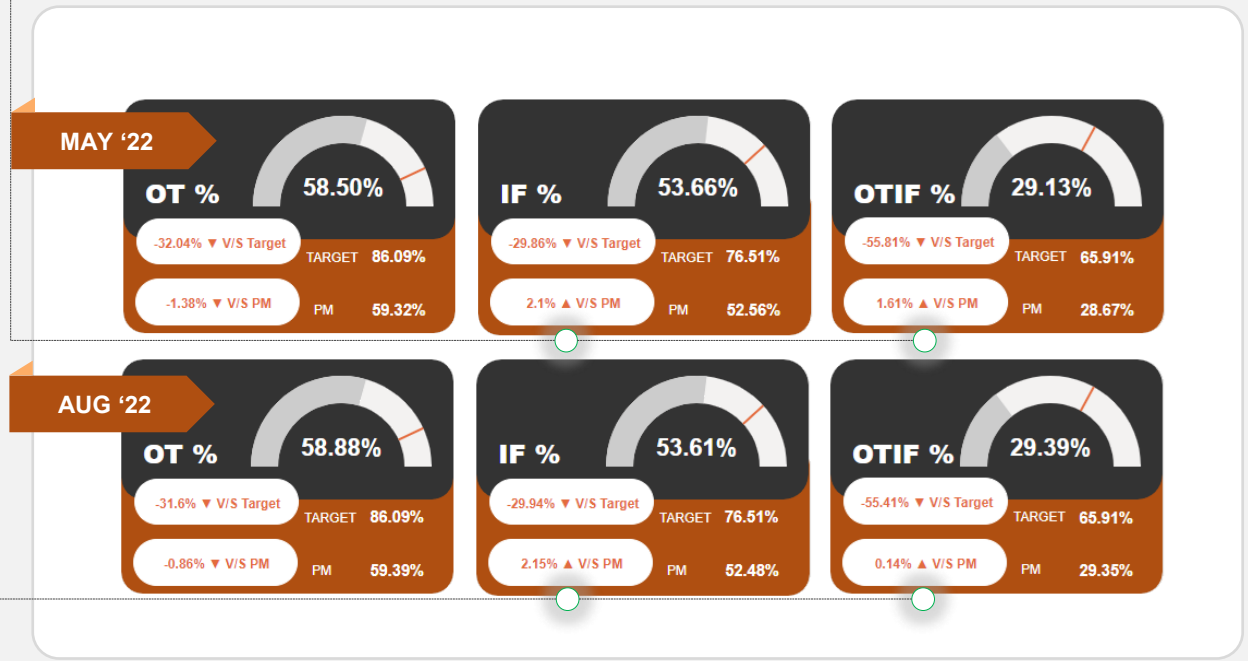
SUPPLY CHAIN CHALLENGE
By Codebasics

1. Diary products orders are almost double than the Food and Beverages Category.

2. Average OT%, IF% and OTIF% are noticeably lower than the Targeted levels.

3. First 6 Customers **Acclaimed Stores , Lotus Mart, Vijay Stores, Rel Fresh, Cool Blue & Propel Mart** is constituting 53% of Total orders & seems to be key customers

4. **MAY'22** and **AUG'22** are the two months where **IF%** and **OTIF %** have shown slight improvement compare to past month, still they are far away from Target levels



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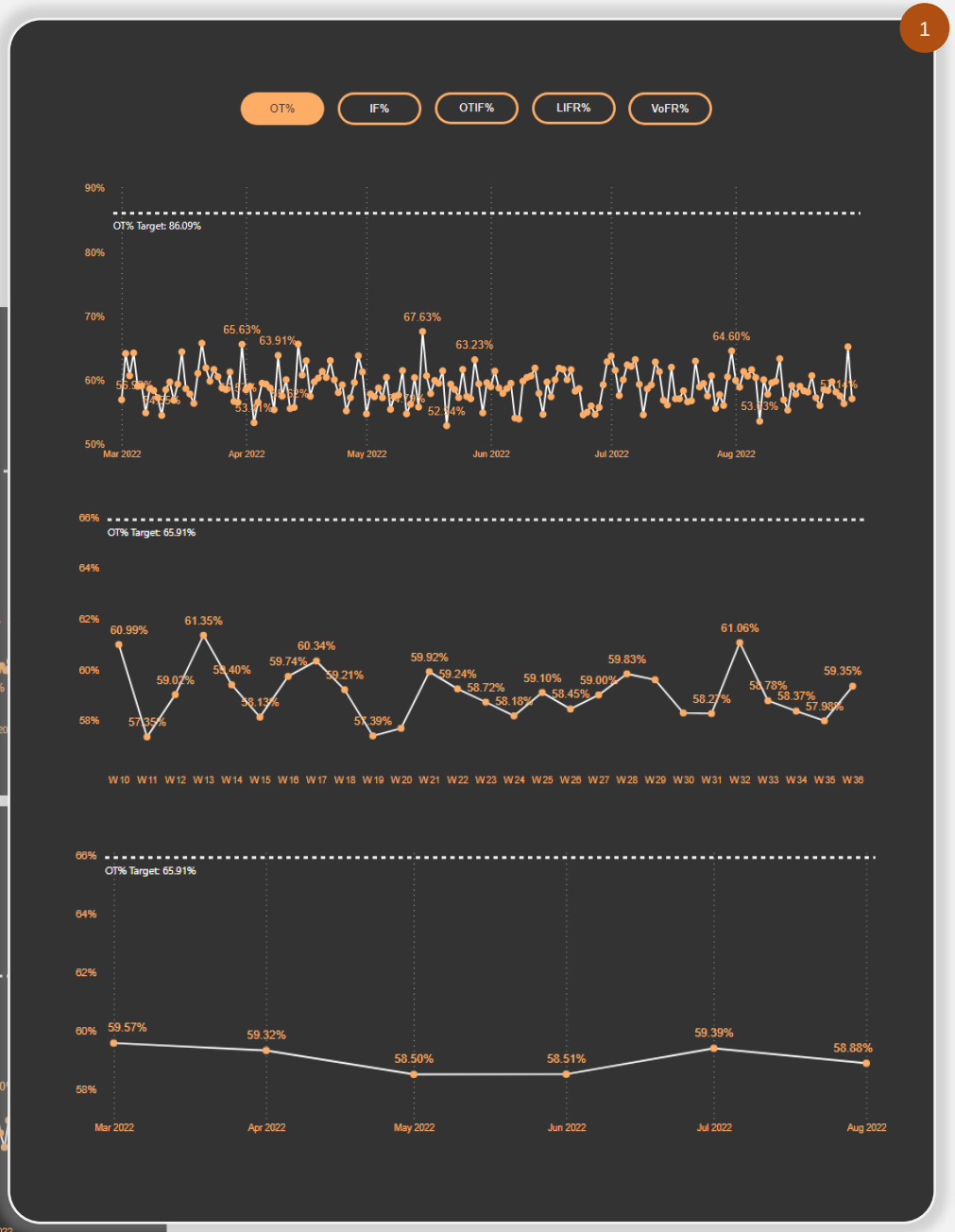

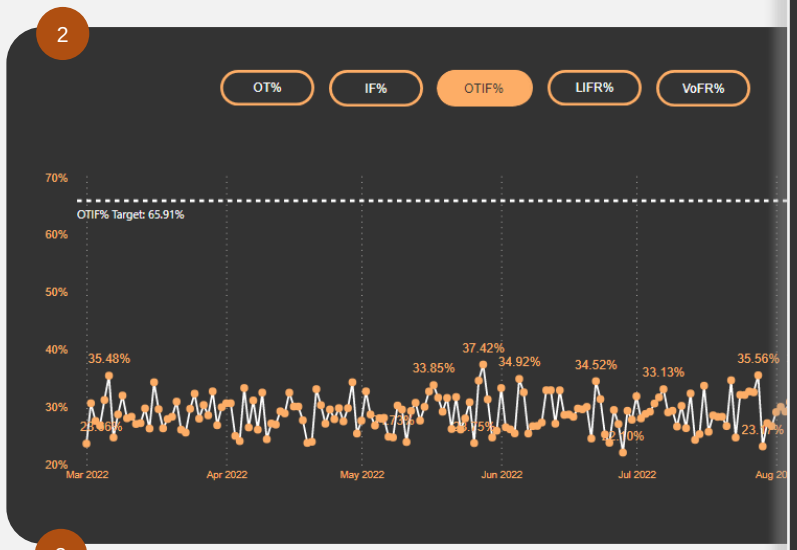

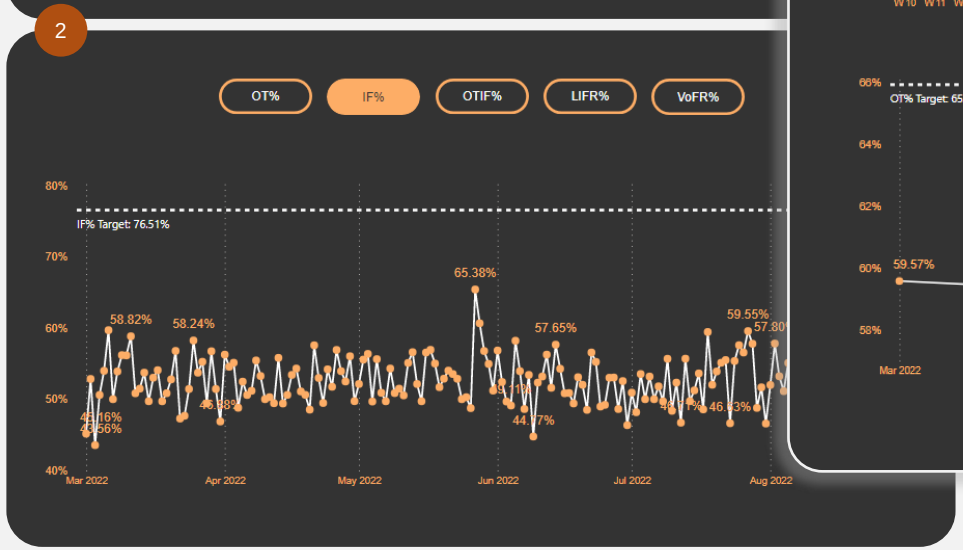

1

In **Daily Trend for OT% Graphs for Order** even Daily level of OT% too are significantly lower than **Targeted OT%**

As we see in above slide only 59.03% of total orders are delivered on time

2

Even Daily trends of **IF%** and **OTIF % chart** shows that not a single day they are able to touch the Target lines for respective matrices .

Especially **OTIF% performance is quite disappointing.**

The average **OTIF**% is significantly lower than the **Targeted OTIF %** Which shows poor delivering capabilities.

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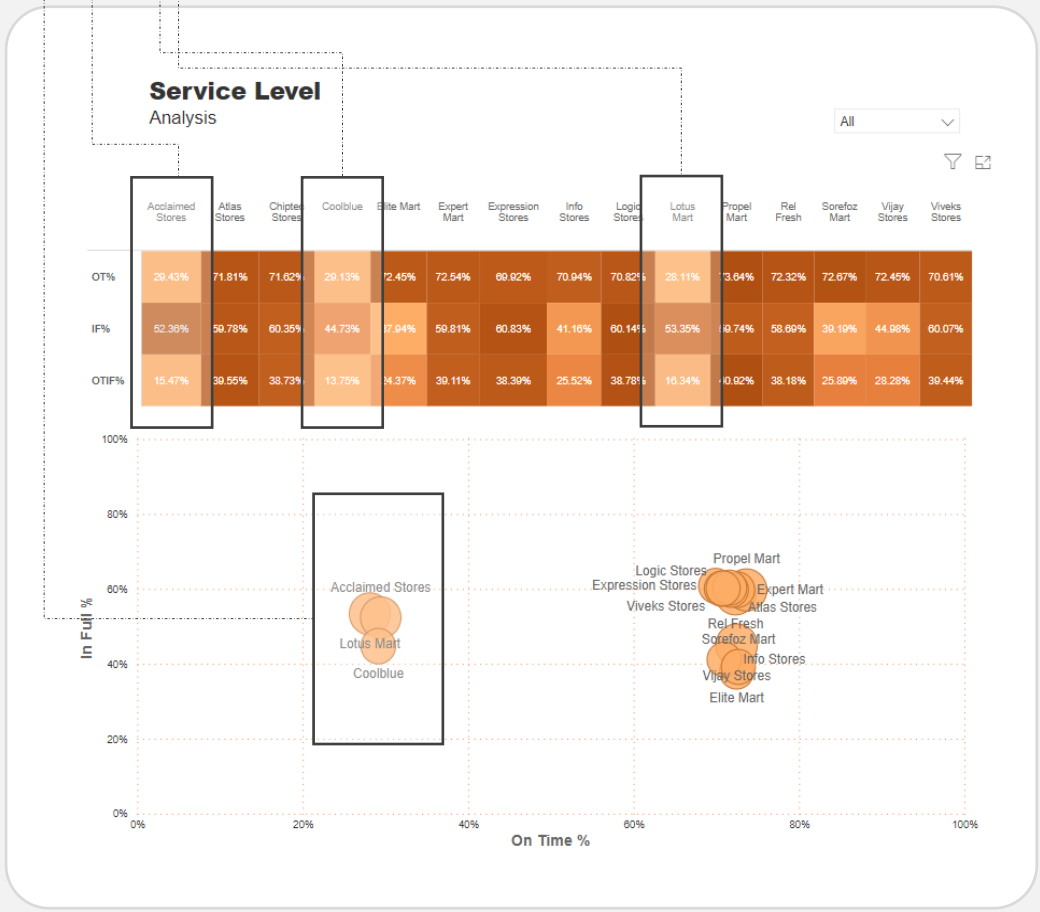
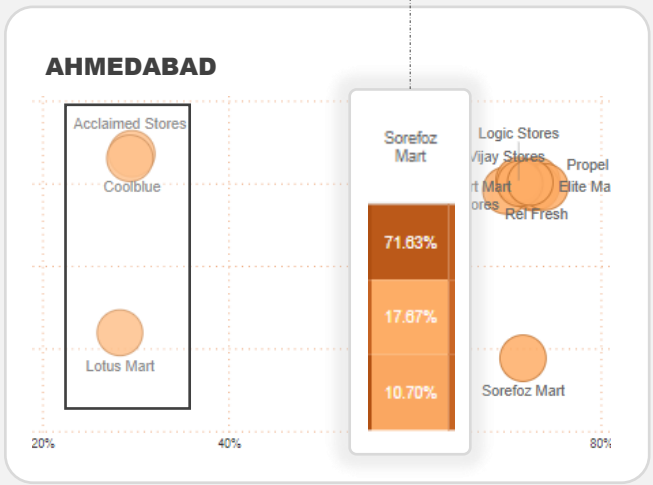
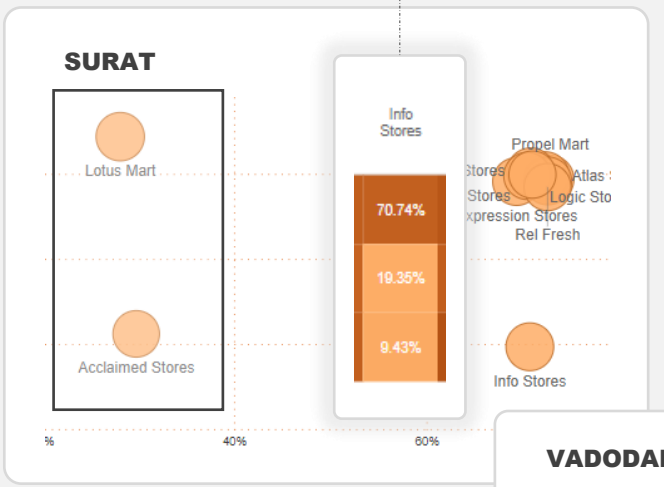
1 Service Level Analysis of Orders shows For **Acclaimed Stores , Cool Blue & Lotus Mart** have some noticeably lower OT% and OTIF % even their IF% too are also not so much convincing.



2 When service levels are filtered for **AHMEDABAD** city it also brings to our notice one more alarming **IF% & OTIF % levels for Sorefoz Mart** which needs to be taken care

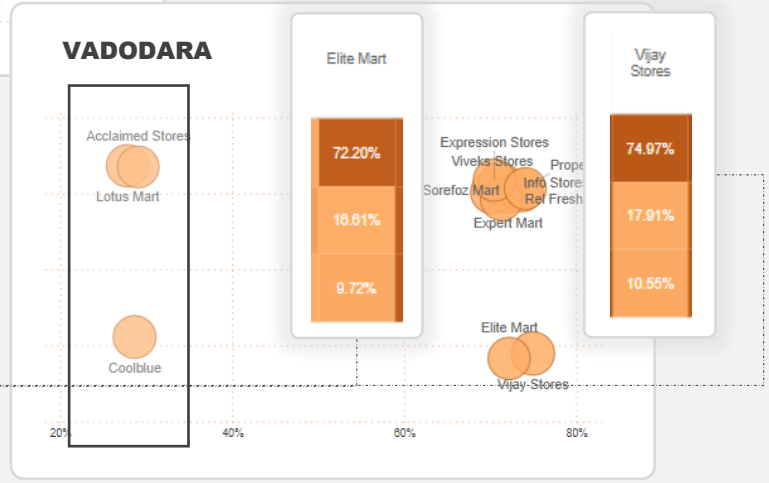


3 When service levels are filtered for **SURAT** city **Info Stores shows** alarming **IF% & OTIF % levels.**



4 For **BARODA** city **Elite Mart & Vijay Stores's** IF% & OTIF % level are giving alarming signals

All these alarming levels of IF % and OTIF % shows that distribution centres are running out of stocks very quickly and replenishments must be optimised to improve upon



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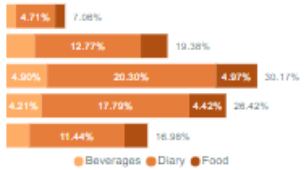
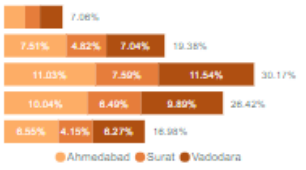
2

LINE LEAD TIME
Analysis

dealyed_days	Beverages	Diary	Food	Total
-1	150	613	155	918
0	442	1661	417	2520
1	637	2640	646	3923
2	548	2313	575	3436
3	360	1488	360	2208
Total	2137	8715	2153	13005



dealyed_days	Ahmedabad	Surat	Vadodara	Total
-1	329	233	356	918
0	977	627	916	2520
1	1435	987	1501	3923
2	1306	844	1286	3436
3	852	540	816	2208
Total	4899	3231	4875	13005



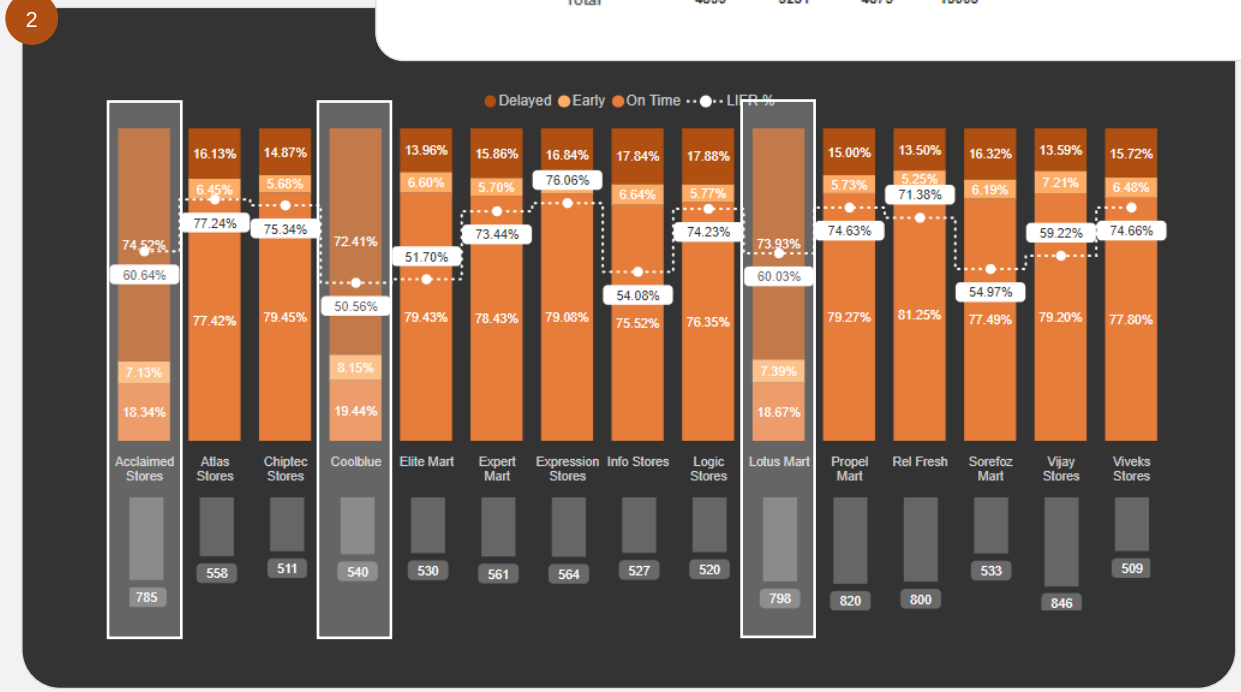
1 Initial analysis of Order Line overview shows that there are certain customers who has **LIFR %** noticeably lower than Average **LIFR%.**

- Acclaimed Stores , Cool Blue, Elite Mart, Info Stores, Lotus Mart, Sorefoz Mart & Vijay Stores
- Out of That **Acclaimed Stores , Lotus Mart & Vijay Stores** are the customers who have larger no. of order lines amongst all

2 Further detailed analysis of Line lead time analysis combined with delayed days analysis reveals some interesting facts

For **Acclaimed Stores , Cool Blue & Lotus Mart** more than 75% of times lines are being delivered late. Moreover, out of that 75% delayed deliveries, 66% of them are late by 2 or 3 days.

2



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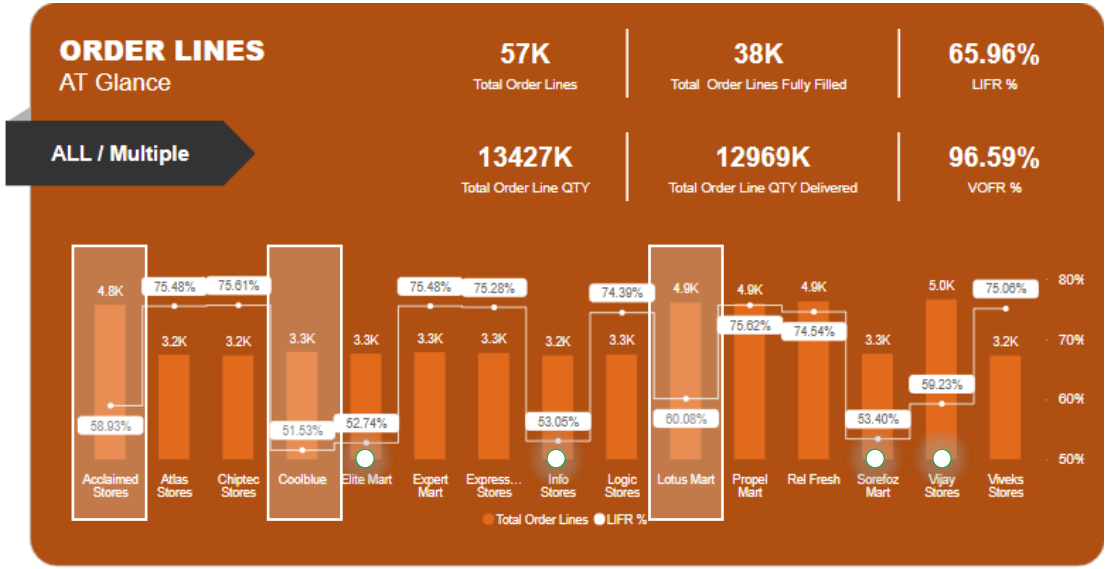

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Unfortunately, The Answer is **“YES”**

And probably **Acclaimed Stores , Cool Blue & Lotus Mart** are the Key customers who would certainly not willing to renew the contract