

SYNOPSIS

This dashboard calculates the %deviation in milk - Quantity, Fat, SNF of the farmer milk pouring by comparing it against the average of the last 3 pourings of the same farmer in the same shift. This would give insights into possible milk aggregation or adulteration that might be happening at an individual farmer level. Once such farmers are identified, the procurement team would be able to coordinate with the FIS team in taking the appropriate remedial actions.

This dashboard is built using the smartAMCU IoT dataset and uses Google's powerful BigQuery BI Engine for the creation of custom-built data tables and Google's data studio for insightful visualizations.

DATA SUMMARY

Days	BMCs		Min	Avg	Max
61	8				
VLCCs	Pourers				
888	XXXXX				
%Qty Deviation in Pouring			-96%	2%	1,989%
%Fat Deviation in Pouring			-83%	1%	811%
%SNF Deviation in Pouring			-42%	-0%	33%

CONTROLS

D

M

Q

Y

Sep 1, 2021 - Oct 31, 2021

UID - Unique Farmer

☒ BMC

☒ Route

☒ VLCC

☒ XXXXXXXXXXXX

☒ null

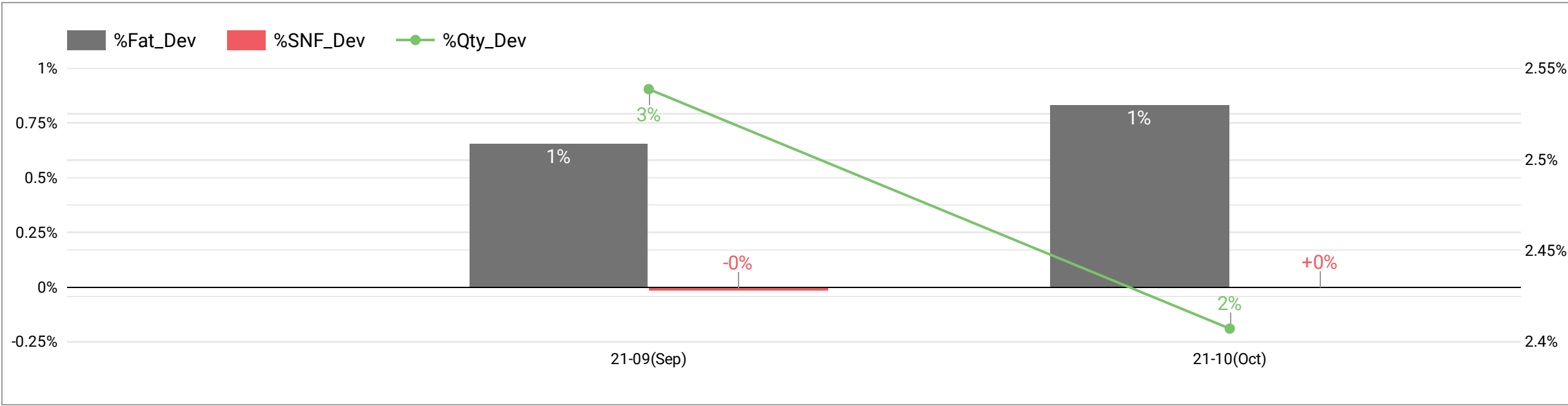
☒ XXXXXXXXXXXX

☒ XXXXXXXXX

☒ 0

☒ XXXXXXXXXXXX

OVERALL TRENDS



STATS - Milk Pouring

Normal

88%

Crosses Fat Limit
3,978
↑ 1,125

Crosses SNF Limit
568
↑ 256

Crosses Qty Limit
23,880
↑ 6,561

Crosses All Limits
65
↑ 29

Fat Dev - HL 0.5

SNF Dev - HL 0.15

Qty_Dev_HL 0.5

Fat Dev - LL -0.3

SNF Dev - LL -0.15

Qty_Dev_LL -0.25

INSIGHTS (You may select any of the entry to filter the particular pouring)

UID	Name	BMC	VLCC	DATE	SHIFT	FAT	SNF	Qty_P	%Fat Dev	%SNF Dev	%Qty Dev
V00800025	Lilavati	XXXXXXXXXX	XXXXXXX	Oct 9, 2021	M	41.0	7.5	1	811%	-1%	1%
V00420105	Prema	XXXXXXXXXX	XXXXXXXXXXXX	Oct 29, 2021	E	11.6	7.8	2	270%	-11%	-50%
V00360025	Nira	XXXXXXXXXX	XXXXXXXXXXXX	Oct 23, 2021	M	10.9	8.2	2	255%	4%	-5%
V00380016	Shila	XXXXXXXXXX	XXXXXXXXXXXX	Oct 29, 2021	E	11.4	8.3	1	242%	2%	-31%
VARE01690...	Indu	XXXXXXXXXXXX	XXXXXXXXXXXX	Sep 13, 2021	M	9.1	8.3	3	225%	2%	177%
V00920026	Kanak	XXXXXXXXXXXX	XXXXXXXXXXXX	Sep 4, 2021	M	8.7	8.6	3	207%	15%	223%
V00390004	RamDarash	XXXXXXXXXX	XXXXXXXXXXXX	Oct 7, 2021	M	11.5	8.3	2	207%	1%	-77%
V00790010	Rambharat	XXXXXXXXXX	XXXXXXXXXXXX	Sep 4, 2021	M	8.7	8.2	3	203%	3%	24%
VARE02320...	Dhanni	XXXXXXXXXX	XXXXXXXXXXXX	Oct 17, 2021	M	8.5	9.3	4	197%	4%	3%
V01270022	Savitri	XXXXXXXXXX	XXXXXXXXXXXX	Oct 12, 2021	M	8.6	8.7	1	193%	8%	-54%

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Previous Milk Pourings (Data of farmer selected in the above list)

PARTICULARS	DATE1 ▾	SHIFT	Fat-(1)	SNF-(1)	Qty-(1)	Avg_Fat	Avg_SNF	Avg_Qty
Last Pouring	Oct 31, 2021	M	5.8	8.7	20.9	6.0	8.6	21.0
2nd Last Pouring	Oct 31, 2021	E	10.2	9.9	1.9			
3rd Last Pouring	Oct 30, 2021	E	4.9	8.7	0.9			

Updated Till: Oct 31, 2021