

> 15%

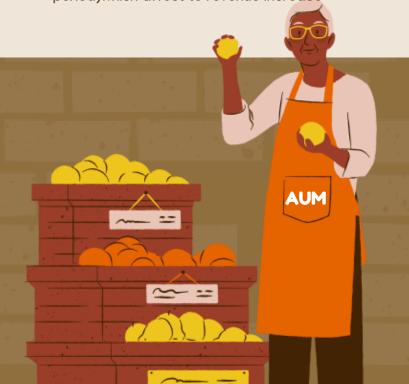
Non-membership with no clarify behavior user which lost to bring to customer relationship



>77%

Membership Tend to churn (4 weeks period) which affect to revenue increase

So what is the key finding?



GOAL:



To increase number of membership



To Decrease churn rate

GOAL:



To increase number of membership

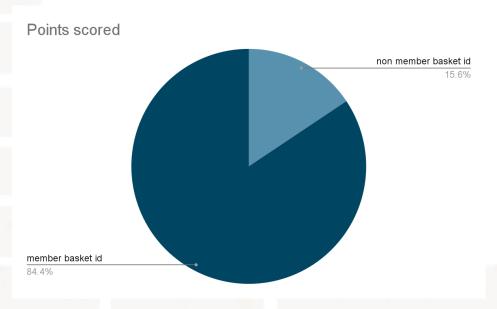


To Decrease churn rate

Data Analyze: Non-membership and product purchase to ship non-membership to membership

unique basket id: 77,234

- sum member basket id: 65,159
- sum non member basket id: 12,075
- non member basket id percentage: 15.63%
- member basket id percentage: 84.37%



How to ship 15% non membership to membership?

	1 st purchase					Most purchase nonMember					
	PROD_CODE	PROD_CODE_10	counts			PROD_CODE	PROD_CODE_10	counts			
2533	PRD0903052	CL00031	475		2958	PRD0903052	CL00031	1440			
3639	PRD0904358	CL00063	303		4223	PRD0904358	CL00063	1093			
100	PRD0900121	CL00063	259		117	PRD0900121	CL00063	871			
1050	PRD0901265	CL00030	194		1226	PRD0901265	CL00030	538			
693	PRD0900830	CL00043	152		806	PRD0900830	CL00043	475			
3061	PRD0903678	CL00222	137		3131	PRD0903228	CL00138	445			
2679	PRD0903228	CL00138	125		3670	PRD0903788	CL00001	424			
4160	PRD0904976	CL00040	120		2980	PRD0903074	CL00045	396			
3158	PRD0903788	CL00001	106		4826	PRD0904976	CL00040	391			
2553	PRD0903074	CL00045	106		3563	PRD0903678	CL00222	347			

- Total Purchase non-member = 12,075 transection
- Most Purchase non-member = 4,417 transection

= 36% of total

non-member transection

PROD_CODE	PROD_CODE_10	counts
PRD0903052	CL00031	1440
PRD0904358	CL00063	1093
PRD0900121	CL00063	871
PRD0901265	CL00030	538
PRD0900830	CL00043	475

Business Recommendation

- 1. Registration Membership process
- 2. Marketing campaign, encourage non-membership to register member

GOAL:

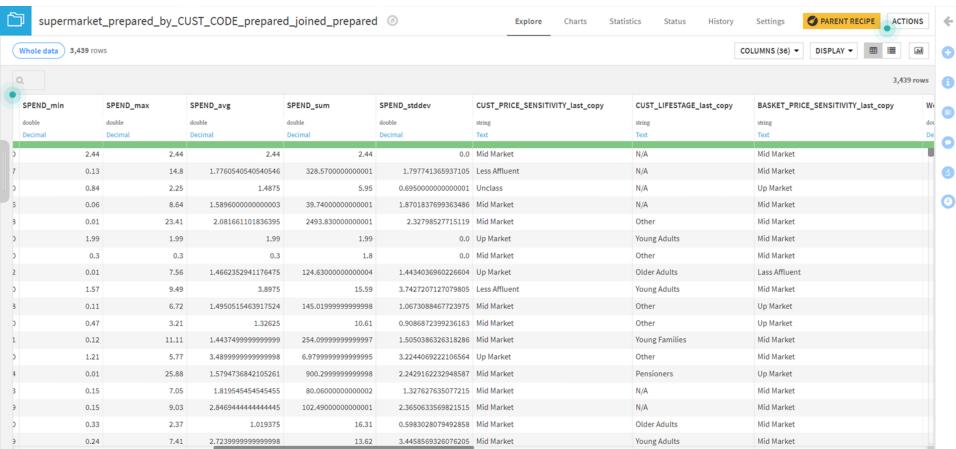


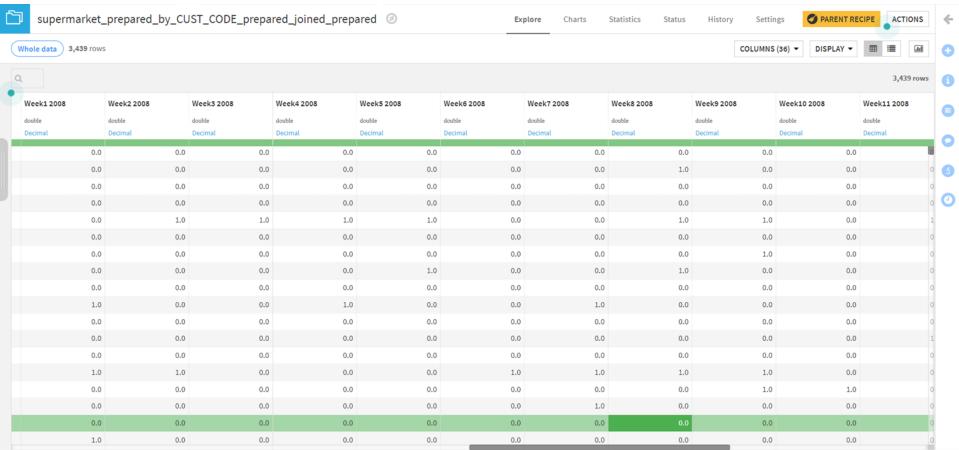
To increase number of membership

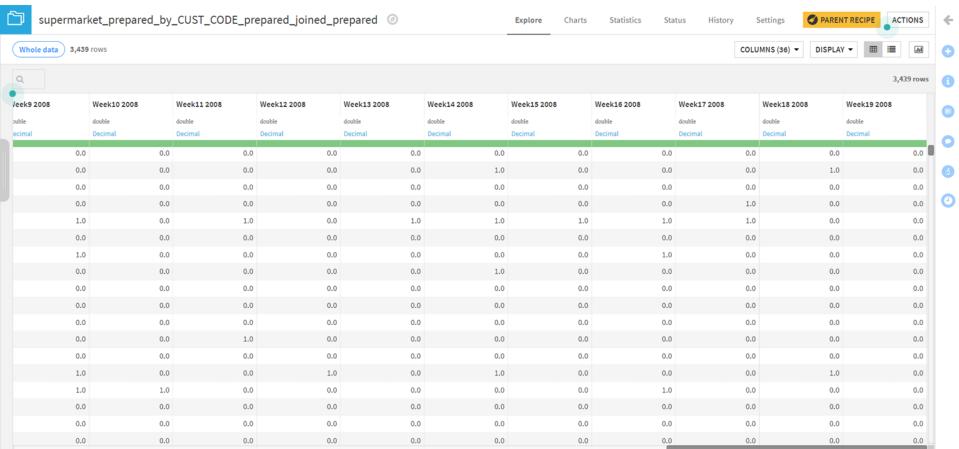


To Decrease churn rate

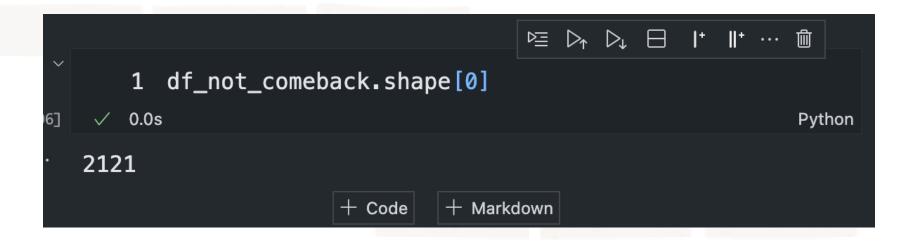
supermarket_prepared_by_CUST_CODE_prepared_joined_prepared											«	
Whole data 3,439 rows										DISPLAY ▼ ■	=	0
Q Q											3,439 rows	0
CUST_CODE	SHOP_DATE_last	SHOP_WEEKDAY_last	SHOP_HOUR_last	QUANTITY_min	QUANTITY	QUANTITY_avg	QUANTITY_s	QUANTITY_stddev	SPEND_min	SPEND_max	SPEND_avg	
string	bigint	string	string	bigint	bigint	double	bigint	double	double	double	double	
Text	Date (unparsed)	Text	Date (unparsed)	Integer	Integer	Decimal	Integer	Decimal	Decimal	Decimal	Decimal	0
CUST0000000181	20070106	Saturday	13:00-13:59	1	1	1.0	1	0.0	2.44	2.44		
CUST0000000689	20080623	Monday	19:00-19:59	1	9	1.8054054054054054	334	1.329012780458787	0.13	14.8	1.7760	4
CUST0000000998	20060707	Friday	08:00-08:59	1	3	1.5	6	1.0	0.84	2.25		
CUST0000001163	20080622	Sunday	14:00-14:59	1	4	1.36	34	0.8602325267042626	0.06	8.64	1.5896	: ②
CUST0000001194	20080620	Friday	21:00-21:59	1	13	1.4232053422370619	1705	1.0824161884031178	0.01	23.41	2.081	Ĺ
CUST0000002257	20060721	Friday	13:00-13:59	1	1	1.0	1	0.0	1.99	1.99		
CUST0000002605	20080612	Thuesday	10:00-10:59	1	1	1.0	6	0.0	0.3	0.3		
CUST0000002637	20080530	Friday	11:00-11:59	1	12	1.4823529411764707	126	1.8101023695457932	0.01	7.56	1.4662	2
CUST0000002638	20070414	Saturday	17:00-17:59	1	3	1.5	6	1.0	1.57	9.49		
CUST0000002813	20080412	Saturday	19:00-19:59	1	5	1.2164948453608246	118	0.7104400649672378	0.11	6.72	1.4950	,
CUST0000003028	20080104	Friday	14:00-14:59	1	1	1.0	8	0.0	0.47	3.21		
CUST0000003287	20080510	Saturday	20:00-20:59	1	12	1.2897727272727273	227	1.0315635591777061	0.12	11.11	1.4437	7
CUST0000003667	20070111	Thuesday	21:00-21:59	1	1	1.0	2	0.0	1.21	5.77	3.4899	
CUST0000004088	20080629	Sunday	09:00-09:59	1	11	1.6	912	1.4084854571320744	0.01	25.88	1.5794	
CUST0000005054	20080615	Sunday	10:00-10:59	1	3	1.2727272727272727	56	0.6942835143575483	0.15	7.05	1.819	3
CUST0000005057	20080409	Wednesday	17:00-17:59	1	7	1.8888888888888888	68	1.545089507860819	0.15	9.03	2.8469	
CUST0000006193	20071110	Saturday	14:00-14:59	1	1	1.0	16	0.0	0.33	2.37		
CUST0000006298	20080302	Sunday	17:00-17:59	1	3	1.4	7	0.8944271909999159	0.24	7.41	2.7239	



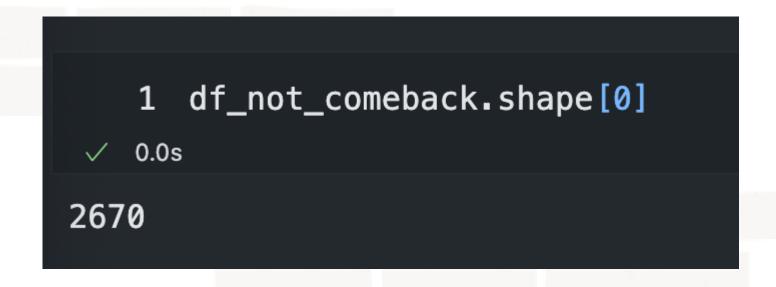




User Churn: 2,121 User (10 weeks) Estimate User Churn Rate: 61.67%



User Churn: 2,670 User (4 weeks) Estimate User Churn Rate: 77.64%



Business Recommendation:

- 1. Use product promotion to attractive customer that tend to churn
- 2. Monitor weekly transaction by Customer to encourage

Member

- 1. ชนภัทธ์ ชัยงาม 6510424010
- 2. ชนภัทร์ เอกกมลวิวัฒน์ 6510424020
- 3. ณัฐชนน เอกพงศ์ไพสิฐ 6510424008
- 4. ณัฐวิทย์ ไชยรัตนตรัย 6420412006
- 5. ธิติ สุจริตสัญชัย 6420412001
- 6. วิทรม ว่องเชาว์ปรีชา 6510424031
- 7. สรวิชญ์ ศิลปนุรักษ์ 6420412020
- 8. อภิวัฒน์ เอี่ยมบริสุทธิ์ 6510424010
- 9. เมธาวี มุ่งเจริญ 6510424027

Thanks.