

#### **CUSTOMER SEGMENTATION**

**Observing Olist Customer's behavior** 

Data Analysis Team:

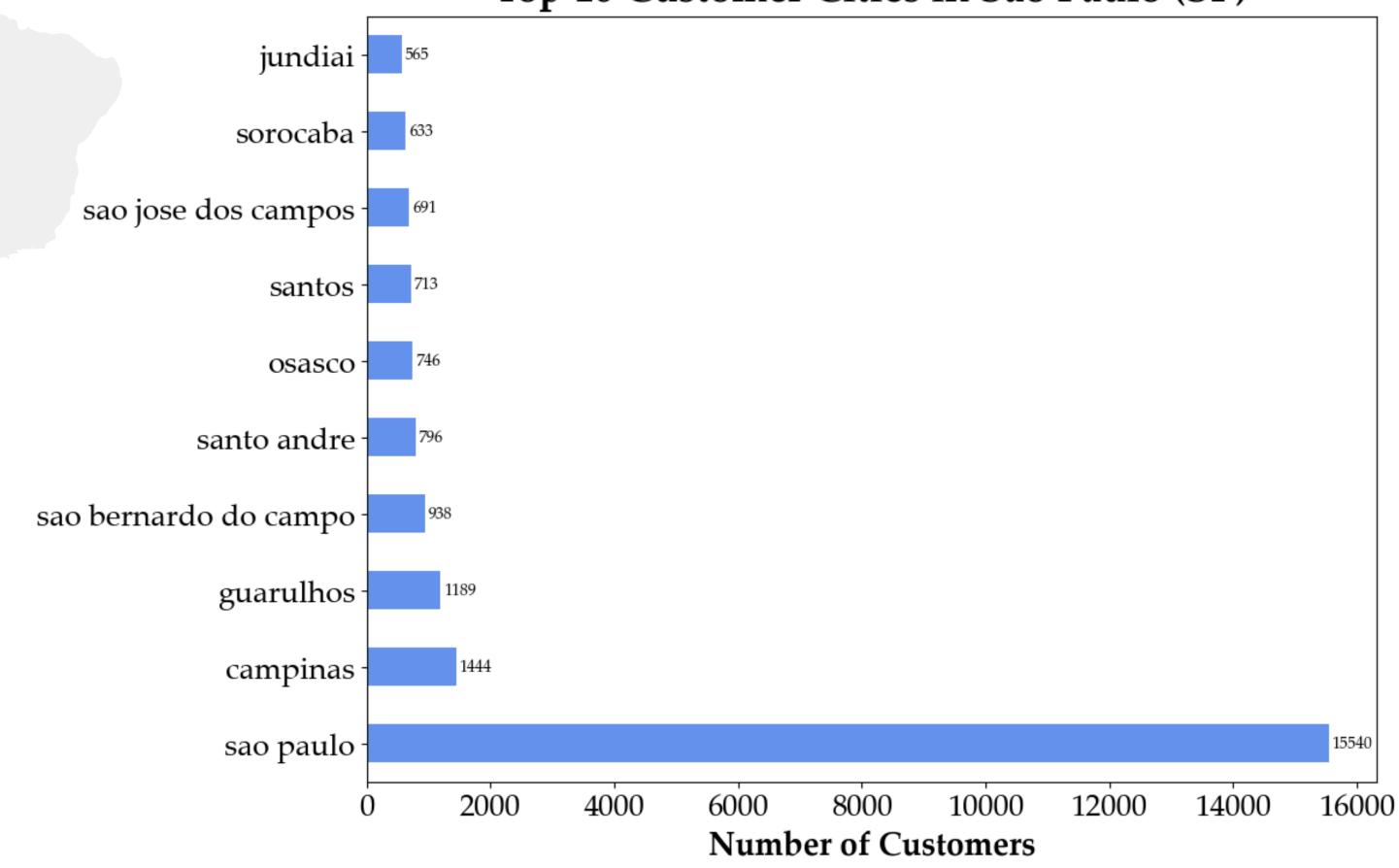
Ali Osama

Raghad Rashed

**Shuaib Baksh** 

**Top 3 Customer States by Percentage** 42.0% 40 35 Percentage of Customers (%) 20 12.9% 11.7% SP МG ŔJ State

**Top 10 Customer Cities in São Paulo (SP)** 



500 BD

9 month ago

1 Purchase

2

100 BD

2 month ago

**3 Purchase** 

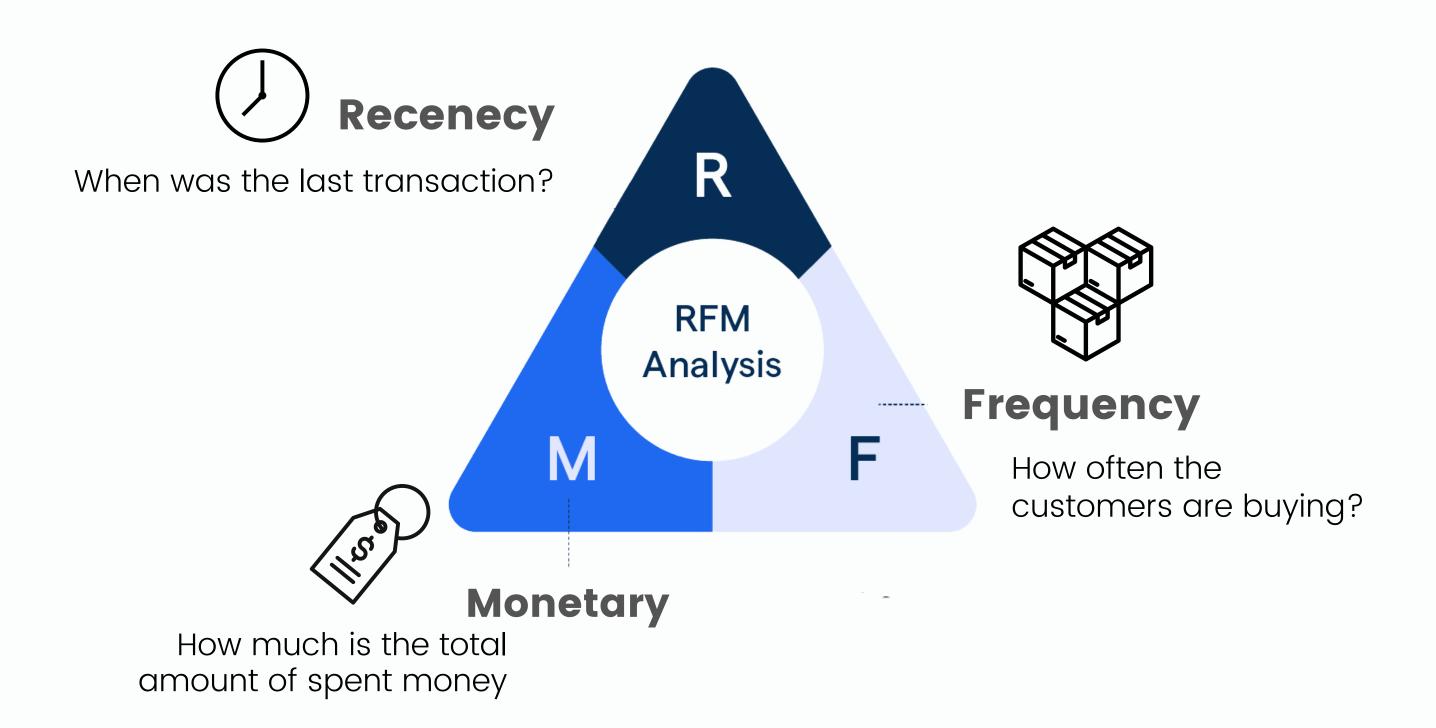
3

**200 BD** 

3 days ago

1 Purchase

#### THE RFM MODEL



## Key findings

01

In average, recency is 244 days (8 months)

02

75% of all customers made just 1 purchase

03

Most
Customers
Spend Small
Amounts
(Median ₹113)

04

Few Big
Orders Drive
Up the
Average
(₹214)

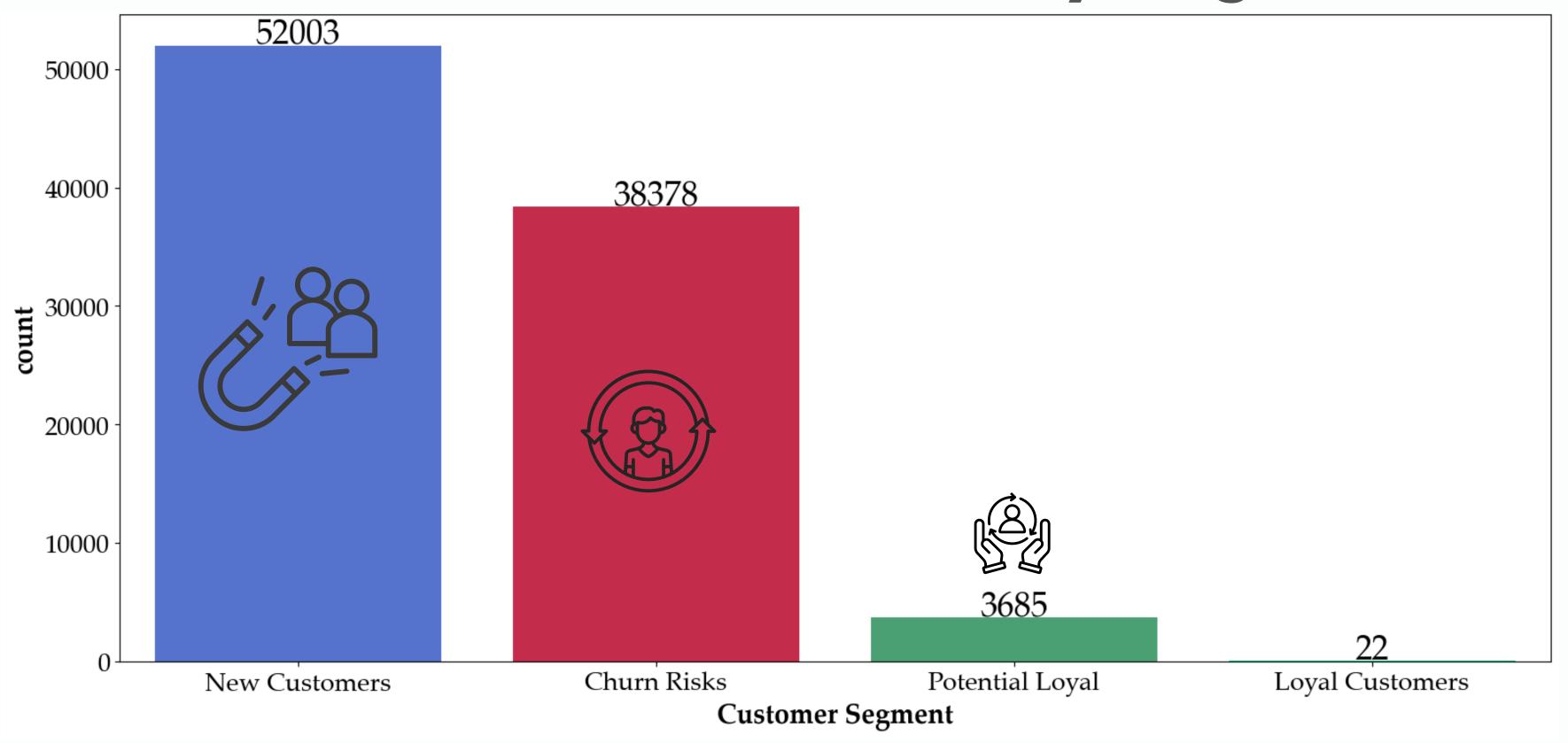
## SEGMENTATION

Tier	Behavior Summary
New Customers	Customers with low engagement who have transacted recently
Potential Loyal	Customers showing loyalty signals (Recent customers but with a good amount of spending/frequency)
Loyal Customers	Frequent buyers with high lifetime value (had the highest total transactions/monetary value)
Churn Risks	Inactive customers who may not return (Have made a transaction while ago with low frequency/monetary purchases)

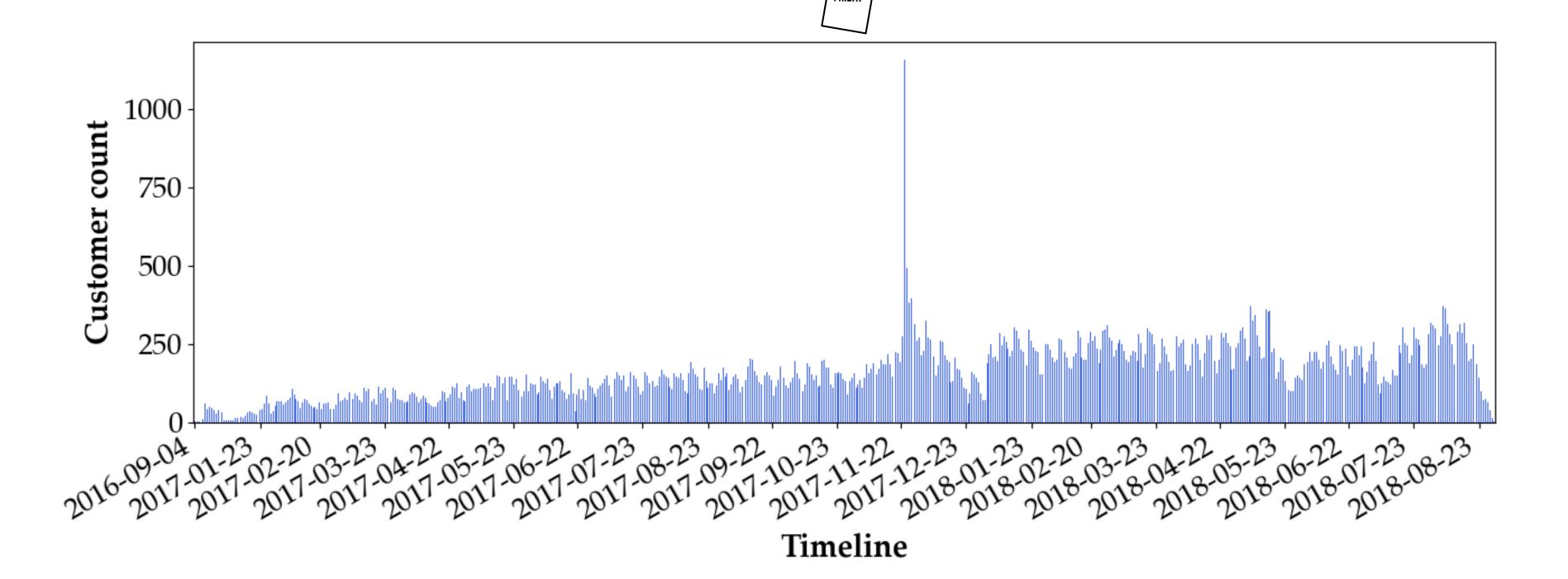
Cluster	Recency	Frequency	Monetary	Tier
0	222.0	3.0	601.765	Potential Loyal
1	135.0	1.0	109.500	New Customers
2	227.5	10.0	8,716.88	Loyal Customers
3	382.0	1.0	106.970	Churn Risks



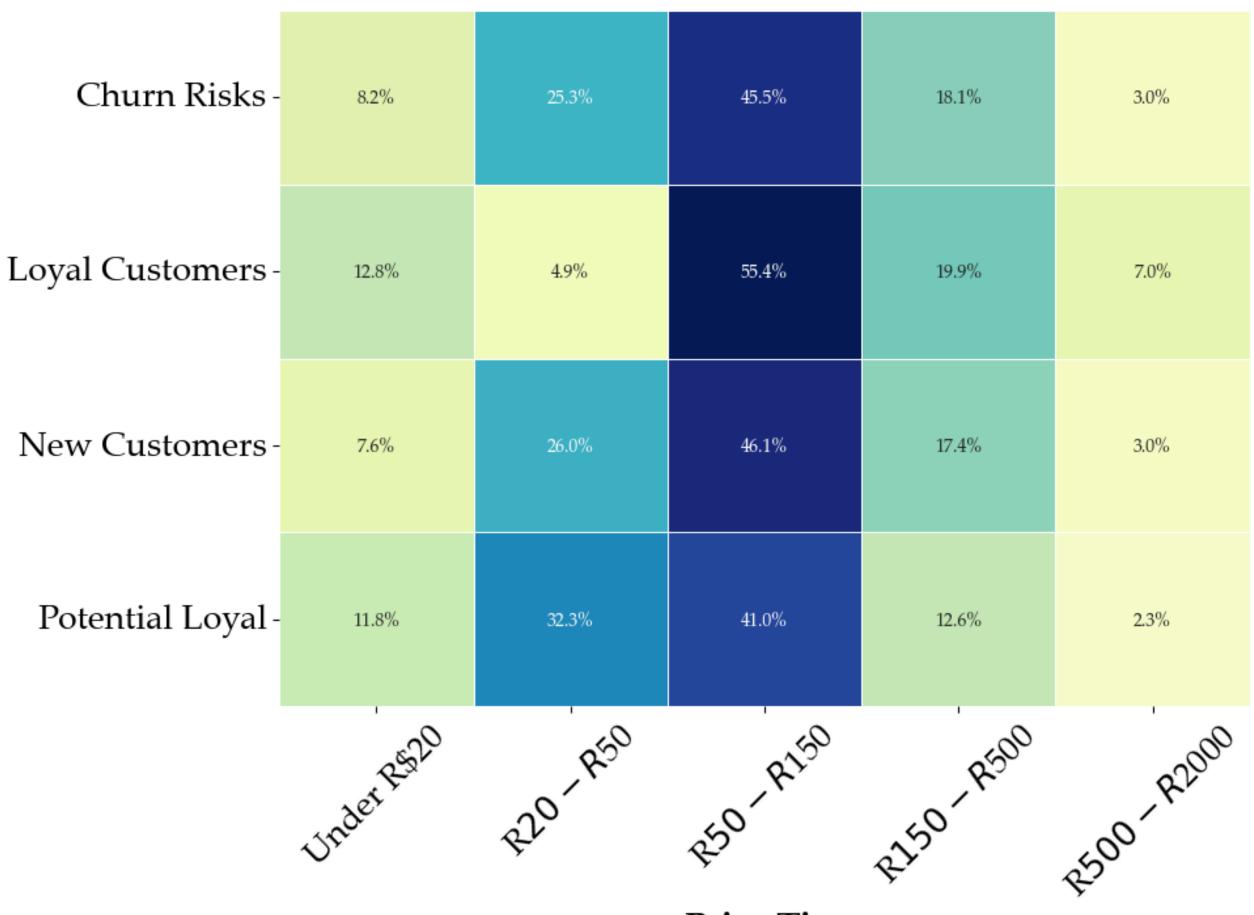
### Customers Distribution by Segments



### Peak Customer Join Dates

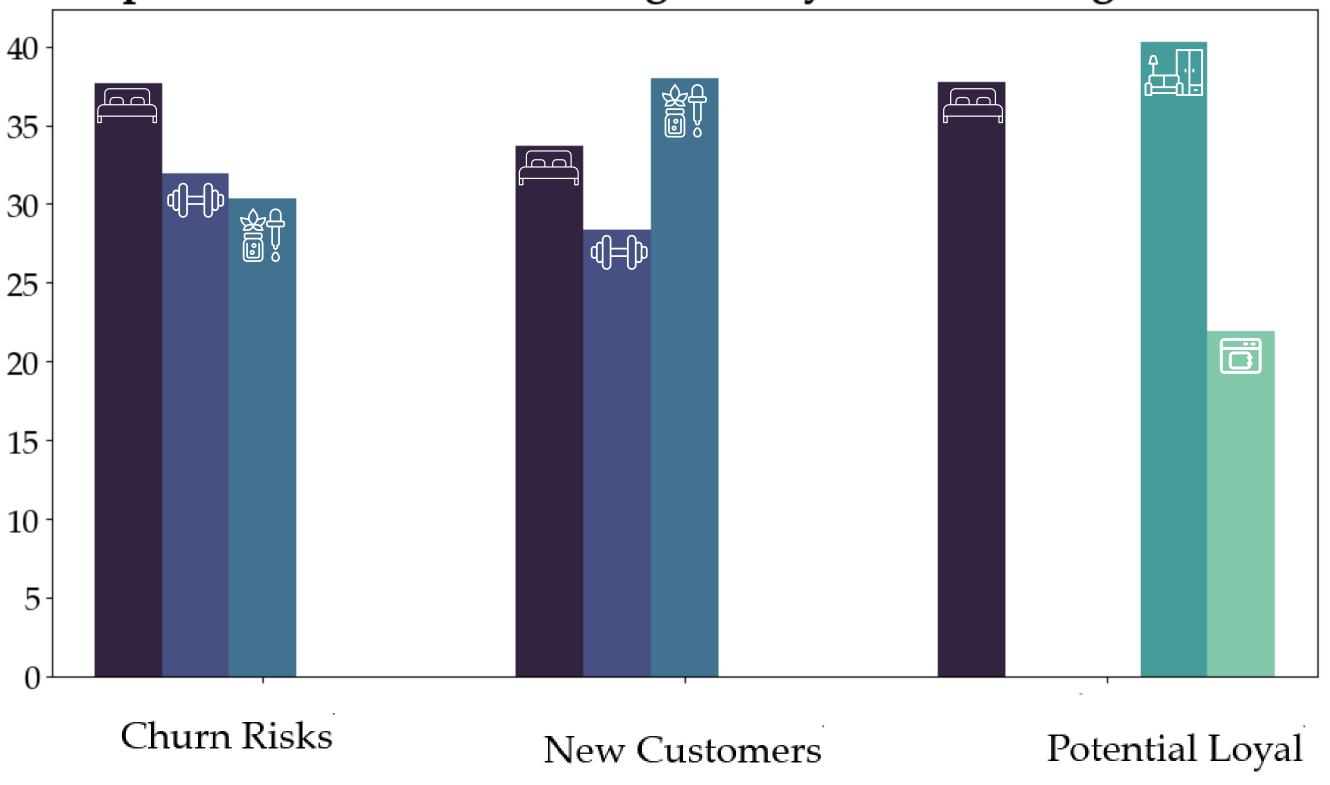


#### **Customer Segment Price Preferences (BRL R\$)**



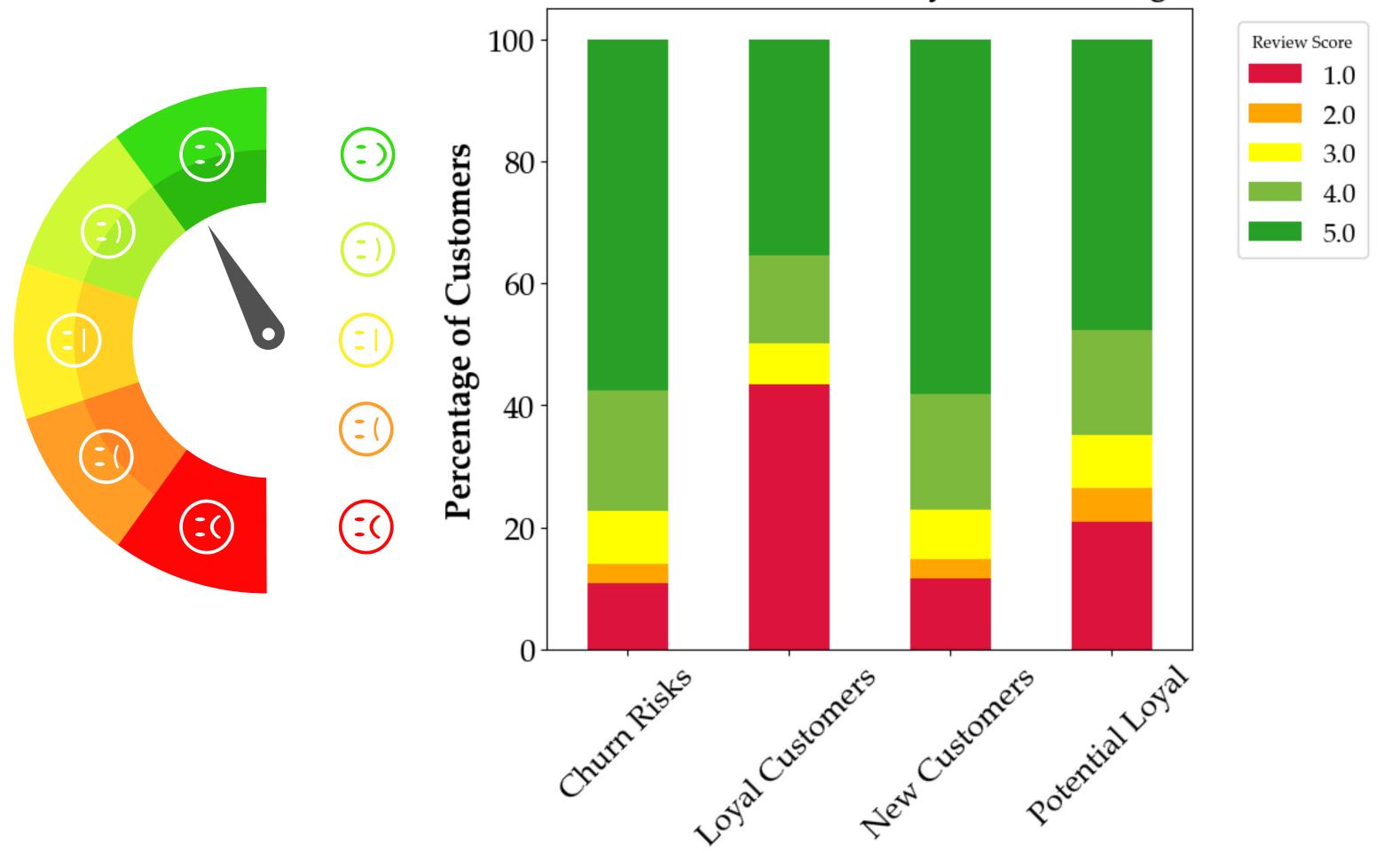
**Price Tier** 

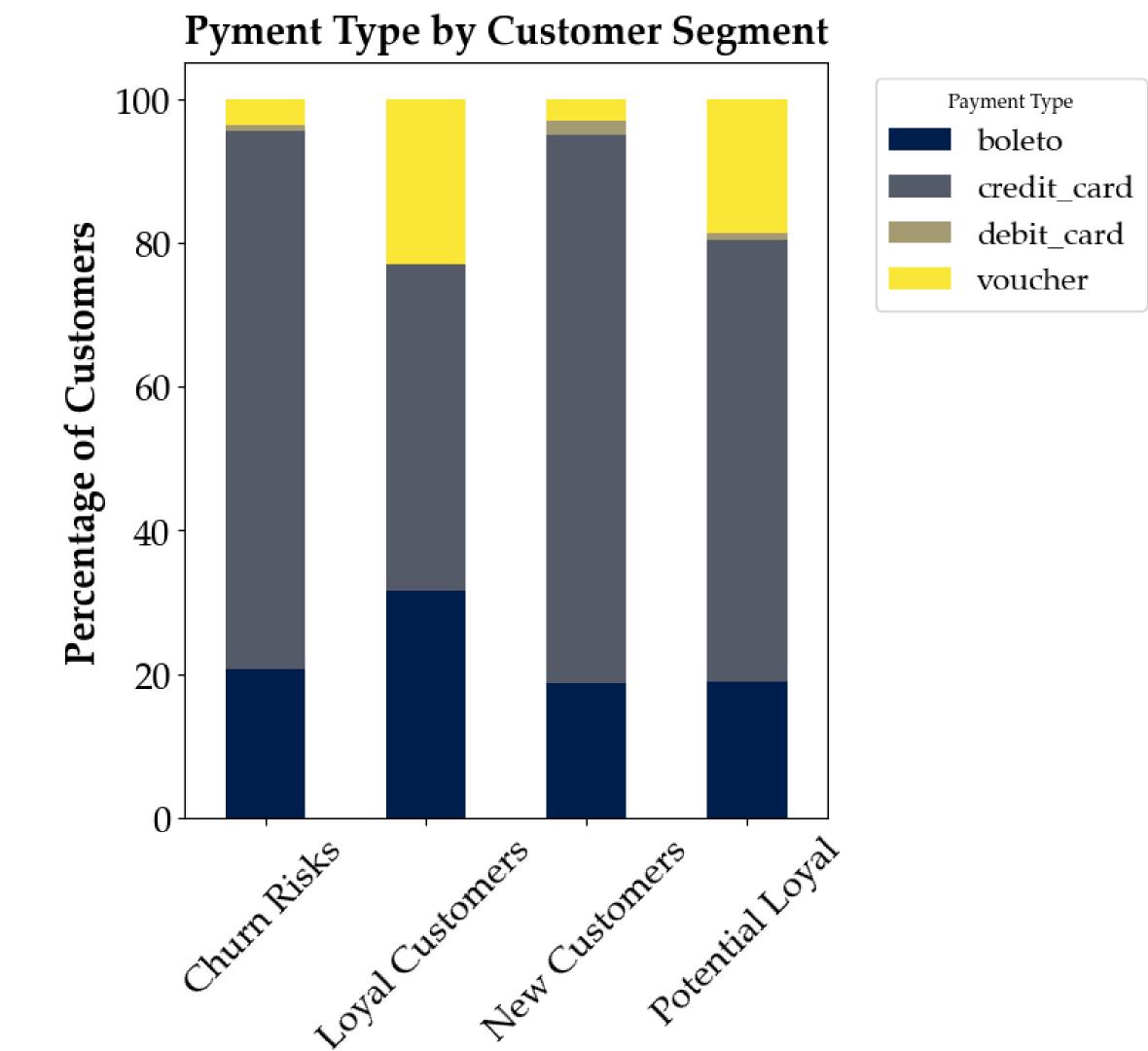
**Top 3 Preferred Product Categories by Customer Segment (%)** 

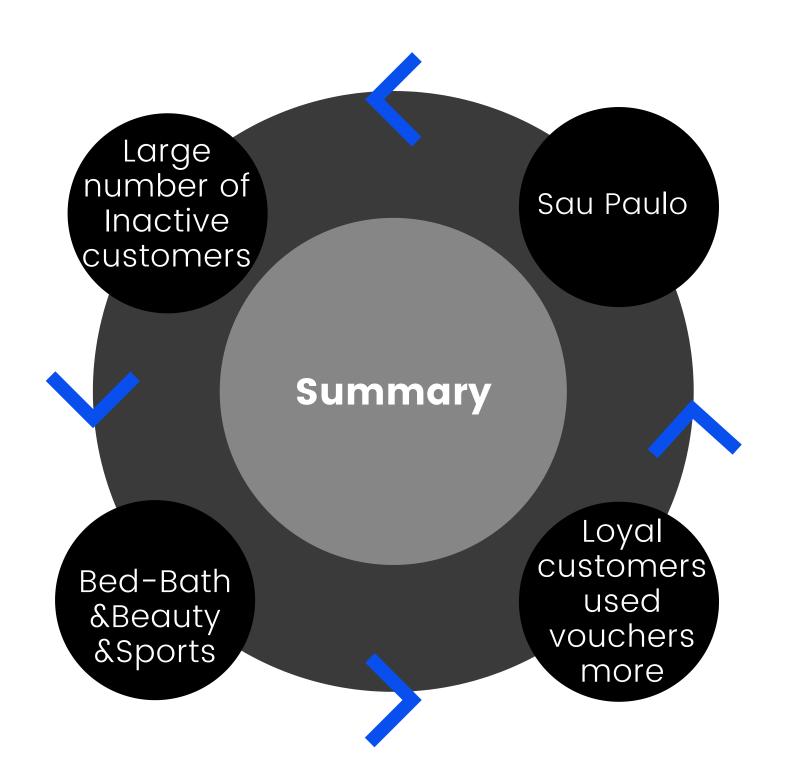




#### **Review Score Distribution by Customer Segment**

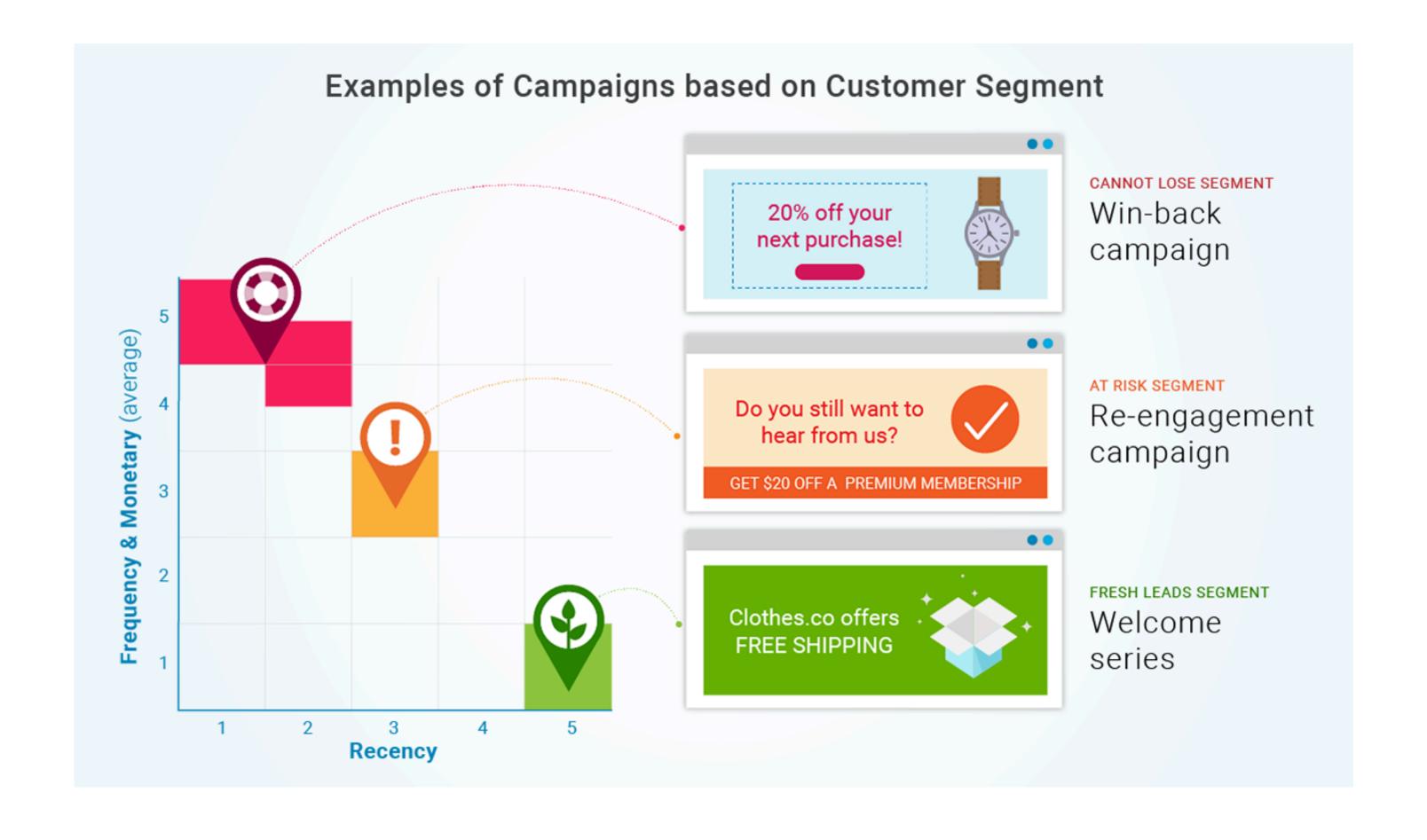




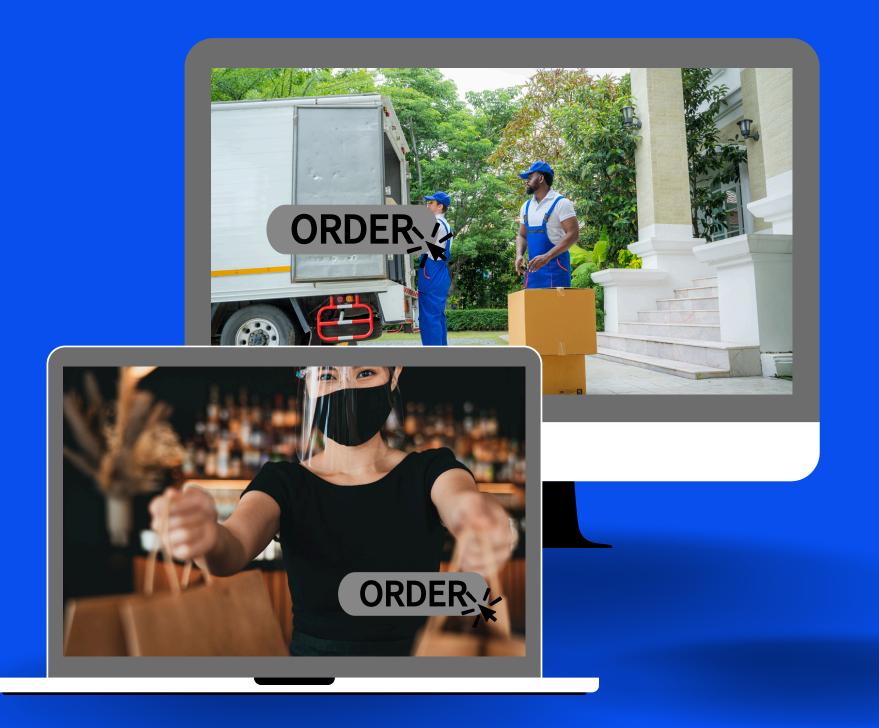


# Recommendation g

Tier	Recommended Strategy
New Customers	Welcome offers, second-purchase incentives, Retargeting (By ads)
Potential Loyal	Loyalty program enrollment, targeted deals, Urgency Tactics
Loyal Customers	VIP treatment, exclusive rewards, Asking for feedback
Churn Risks	Campaign via email, reactivation offers



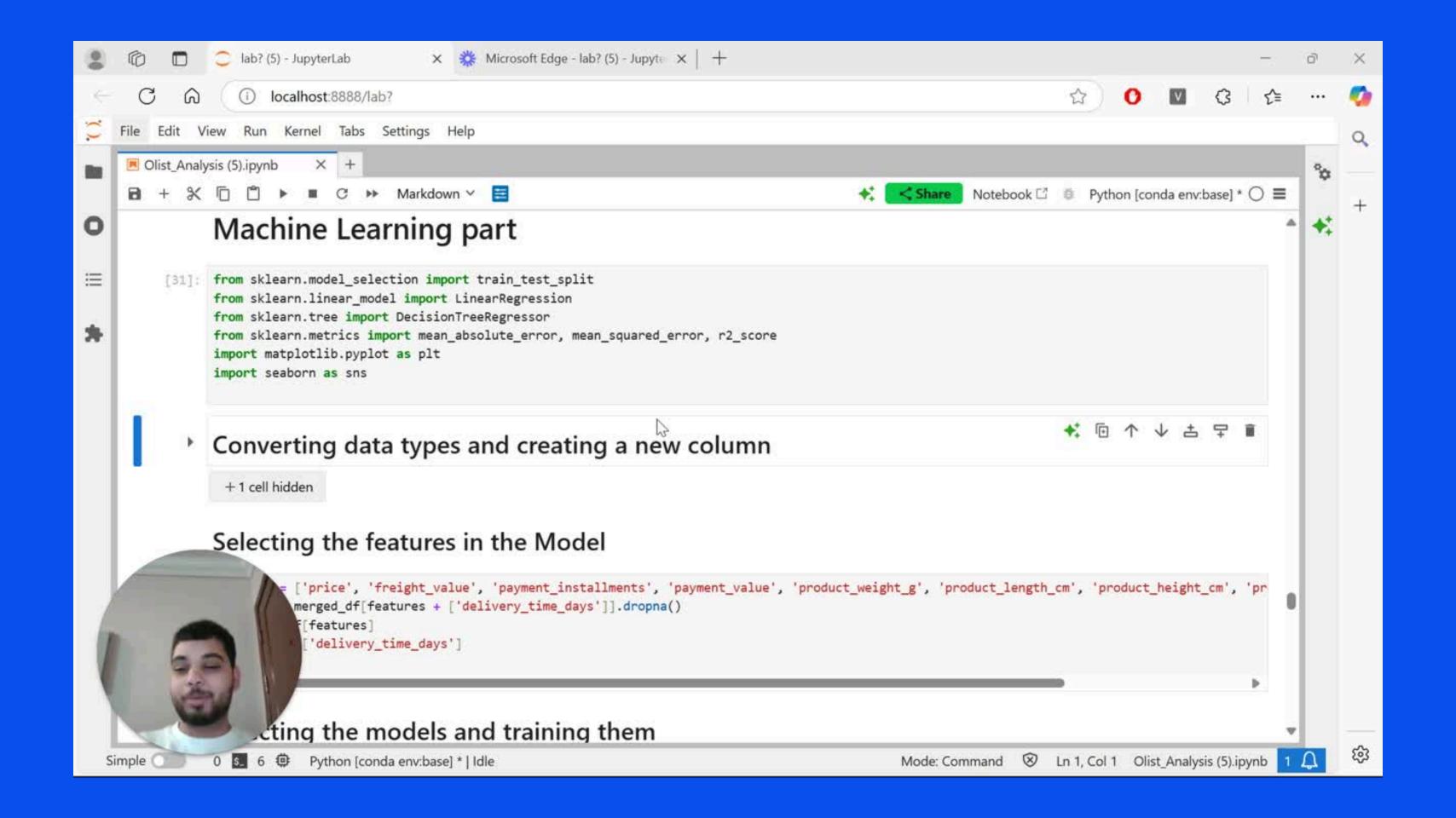
# Future Optimization

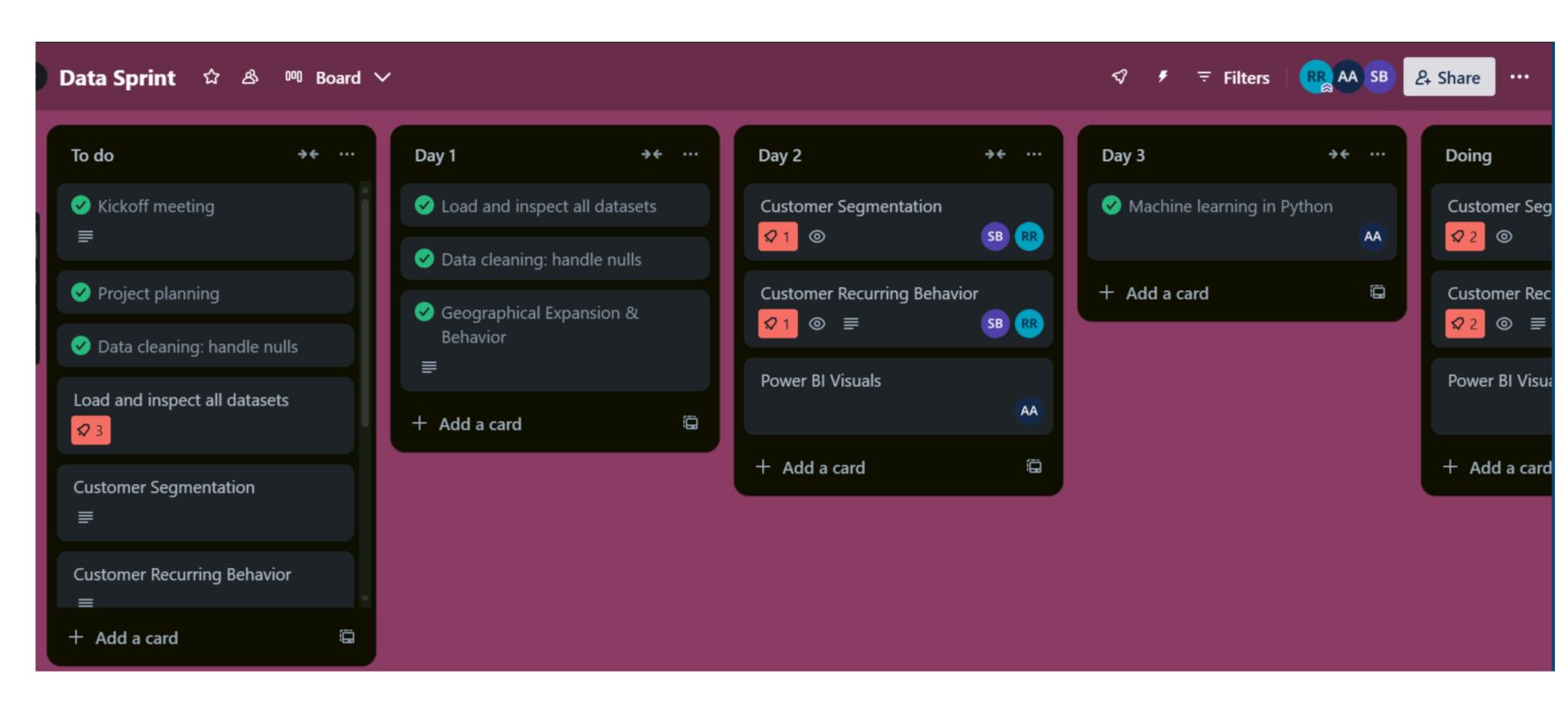


# Olist Delivery

Can we predict the delivery time?

Lets see the machine learning model!





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