1. CUSTOMER SEGMENT(S)

CS

6. CUSTOMER CONSTRAINTS

CC

5. AVAILABLE SOLUTIONS

AS

The suggested solutions are:

- 1. Decision Tree Model
- 2. Random Forest Model 3. KNN Model
- 4. Xgboost Model and so on

2. JOBS-TO-BE-DONE / PROBLEMS

J&P

RC

7. BEHAVIOUR

BE

The problems encountered while analyzing the solution is as follows:

- 1. accuracy how accurate our model predicts a candidate with good credit score
- 2. Speed Model should save time and easier to operate

The target customer of our project are banking firms that lend out loans and people who require loans.

3. Safety- the application must be safe to use

9. PROBLEM ROOT CAUSE

Evaluating and giving credit to customers is a difficult process that requires multiple evaluations. Wrong predictions can cost Bank big losses.

A financial institution's credit application process is complicated and involves a lot of paperwork. Loan

defaulters may go unnoticed by banks. They might lend him money as a result, exacerbating the loss.

Customers seeking loans and banks checking reliability try to speed up the process. Small financial companies and people in remote areas can easily get loans

3. TRIGGERS

TR

EM

A lengthy and complex loan approval process impacts the customer's business and reduces the customer's bottom line. Surge in defaulters severely impacting your business

10. YOUR SOLUTION

existing problem is that:

SL

8.1 ONLINE

8. CHANNELS of BEHAVIOUR

CH

1. Acquiring proper dataset for accurate predictions

The solution which we are proposing to overcome the

- 2. Use the classification algorithm and change their parameters to get the best results
- 3. choose the best model which gives the highest accuracy

This make the prediction accurate and meet up the customer expectations and overcome the limitations of the previous proposed solutions.

8.2 OFFLINE

Customers need to install the application on their systems in order to function efficiently.

Customers must verify the clients's authenticity in online mode.

4. EMOTIONS: BEFORE / AFTER

Before: This process may take some time. Need to find someone with good credit who can give the best interest rate

After: The process will be faster. Ability to identify the appropriate person to give credit increases



EM

TR &

Identify strong