

- Scope of ML and data science increasesday by day.
- II. Financial and Banks are in need of fasterloan approval model.

## 10. YOUR SOLUTION

TR

- 1. Providing cleaner visuals to stakeholders.
- 2. Helping higher level and employees to take datadriven decision.
- 3. More accuracy ML model for predicting customerdata.

## SL

## **8.**CHANNELS of BEHAVIOUR



- 8.1 ONLINE
- Online loan approval system By online services of company customers can know their loan eligibility.

8.2 OFFLINE

| Identify strong TR & EM                  | 4. EMOTIONS: BEFORE / AFTER  Before: Lots of workload and pressure to check and provide loan eligibility, It needs lots of human or labor force.  After: Easy, scalable and rapid approval in predicting and providing loans to customers. | 4. Highly scalable - Transfer learning allows highscalability and can be used across different level and locations of particular bank or finance company.                                               | Bank and finance - Employees can work easily in offline and provide customer satisfaction in least effort                                                                                          |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Define CS, fit into CC                   | I. Bank higher authority.  II. Bank decision makers.  III. Stakeholders and customers.  IV. Persons who are giving and applying for loans.                                                                                                 | CC  I. Loan approval prediction model predicts well by ml Algorithms . Training maybe slightly tricky.  II. Security issue maybe a concern and in rare case It may be hard to recover the bank details. | 5. AVAILABLE SOLUTIONS  I. It reduces the workforce of the bank Employees.  II. Easy to predict and highly scalable.  III. It gives more insight and leads to more profit by data driven decision. |
| Focus on J&P, tap into BE, understand RC | 2. JOBS-TO-BE-DONE / PROBLEMS  I. Enter the details given by customers.  II. By ML algorithms predict the loan Approval.  III. By getting results employees and companies can provide loans.                                               | 9. PROBLEM ROOT CAUSE  I. Faster loan approval .  II. Profit for stakeholders.  III. Maintain standards in company.  IV. Scalability.                                                                   | 7. BEHAVIOUR  I. Collecting user data and attributes of personal details of user.  II. Perform EDA and provide Insight for stakeholder  III. At end Model will predict for loan eligibility.       |