
Project Interim Report for Loan Prediction Problem

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1. Executive Summary

Dream Housing Finance company deals in all types of home loans. They have presence across all the urban, semi urban and rural areas. Customers first apply for home loan after which the company validates the customer eligibility for loan. Company wants to automate the loan eligibility process (real time) based on customer detail provided while filling online application form. These details are Gender, Marital Status, Education, Number of Dependents, Income, Loan Amount, Credit History and others. To automate this process, we identify the customers segments, those which are eligible for loan amount so that they can specifically target those customers.

2. Project Status

Project	Loan Prediction for Customer
Reporting Duration	September 16 th to October 25 th
Reporting Date	October 25 th , 5:00 pm
Project Schedule	Project is behind the schedule

3. Project Milestones

Milestones	Target	Status
Initial Ideas	19-09-2019	Completed
Project Proposal	27-09-2019	Completed
Data Collection	08-10-2019	Completed
Data Pre-processing	08-10-2019	Completed
Exploratory Data Analysis	28-10-2019	Ongoing

4. Project Gantt Chart

During the implementation of the project, we have faced multiple challenges. Our main challenge was the lack of Python skills. As a result, we are a little behind the schedule.

After collecting the data, we started the initial pre-processing. We have already finished that part, but we had to delay EDA. We have updated the Chart accordingly (presented below), but since we develop more and more skills as time goes by, we will spend less and less time for the future activities and will finish the project on time.

ID	Task Name	Duration	Start	Finish
1	Loan Prediction Practice Problem	61 days	Mon 9/9/19	Mon 12/2/19
2	Team Formation	5 days	Mon 9/9/19	Fri 9/13/19
3	Initial Ideas	7 days	Wed 9/11/19	Thu 9/19/19
4	Project Proposal	7 days	Thu 9/19/19	Fri 9/27/19
5	Dataset collection and initial preprocessing	7 days	Mon 9/30/19	Tue 10/8/19
6	Interim Report	7 days	Wed 10/9/19	Thu 10/17/19
7	Perform EDA (Exploratory Data Analysis) and modelling	7 days	Fri 10/18/19	Mon 10/28/19
8	Training and testing model	15 days	Tue 10/29/19	Mon 11/18/19
9	Release/Deployment	4 days	Tue 11/19/19	Fri 11/22/19
10	Final Report	1 day	Mon 11/25/19	Mon 11/25/19
11	Presentation	5 days	Tue 11/26/19	Mon 12/2/19

