



CREDIT EDA ASSIGNMENT

BY

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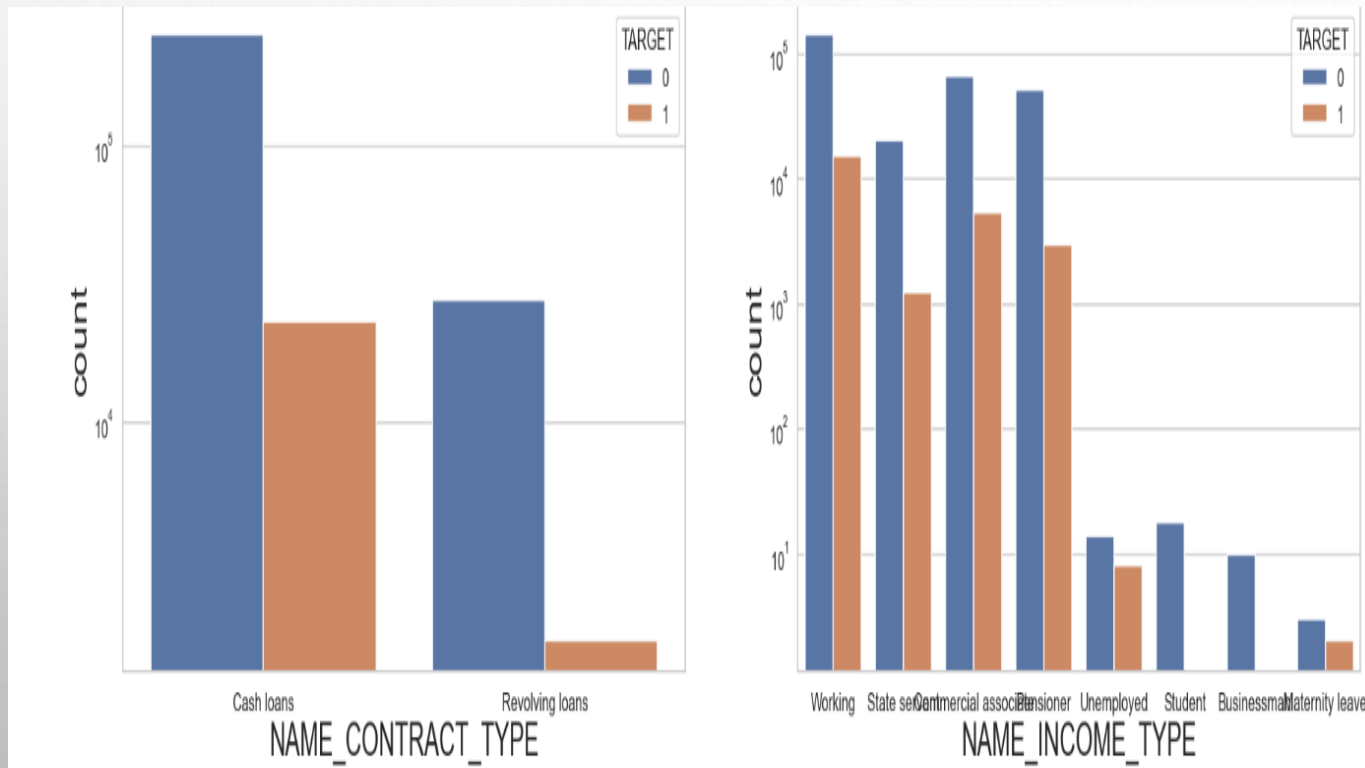
PROBLEM STATEMENT

- TO UNDERSTAND THE DRIVING FORCE OR VARIABLES THAT AFFECTS THE REPAYMENT OF LOAN
- TO FIND OUT THE POTENTIAL AND RISKY CLIENTS BASED ON THE EDA

APPROACH

- DATA COLLECTION
- DATA CLEANING
- UNIVARIATE ANALYSIS
- BIVARIATE ANALYSIS

UNIVARIATE ANALYSIS ON APPLICATION DATA



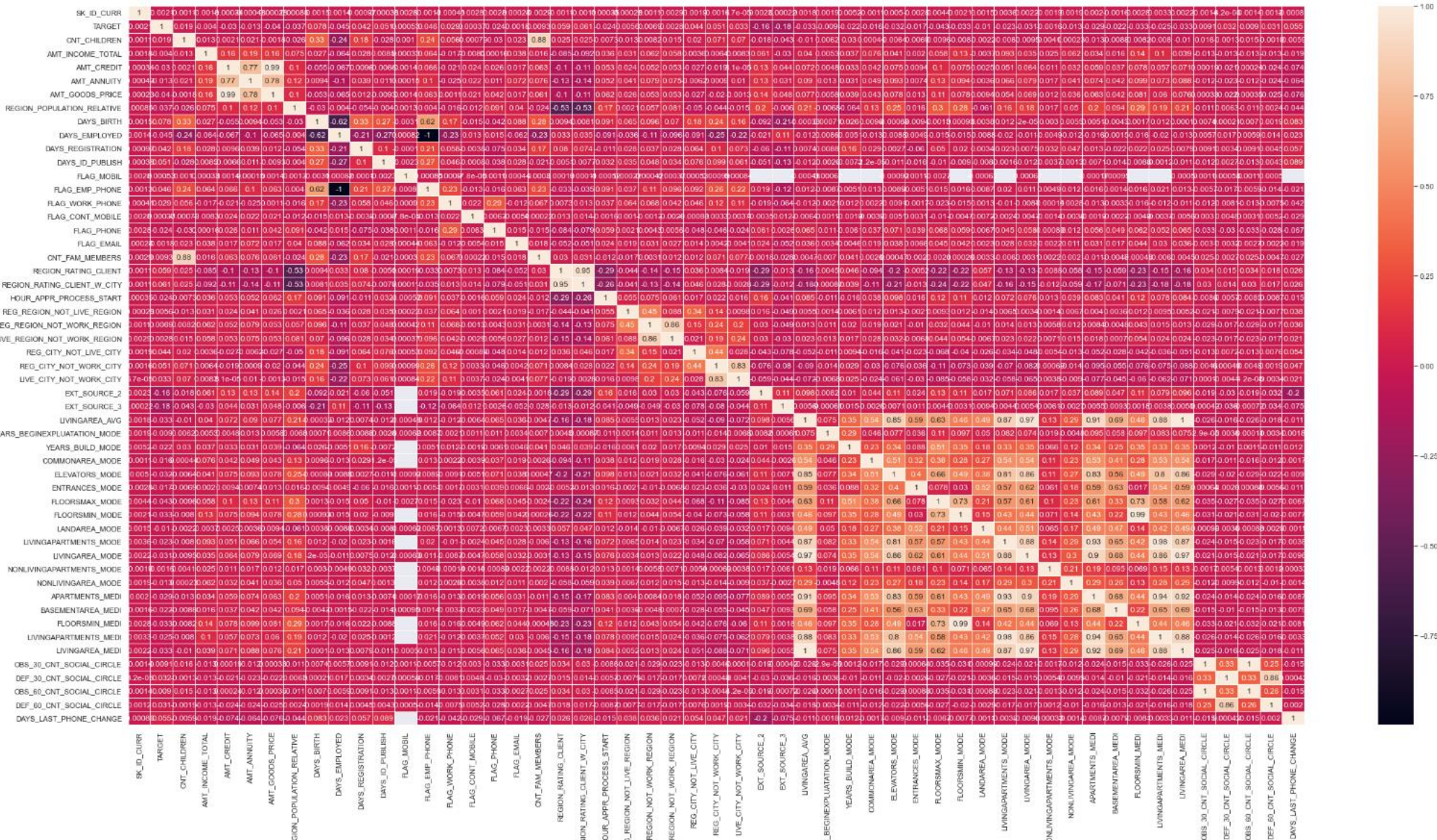
NAME_INCOME_TYPE

- FROM GRAPH FOR NON DEFAULTERS WORKING GROUP IS HIGHER THAN IN DEFAULTERS
- IN MOST OF THE INCOME TYPE NON DEFAULTERS ARE IN HIGH NUMBER FOR EG : STATE SERVANT, PENSIONER ETC
- FOR BUSINESSMAN AND STUDENT DEFAULTERS ARE VERY LESS WHEN COMPARED TO NON DEFAULTERS

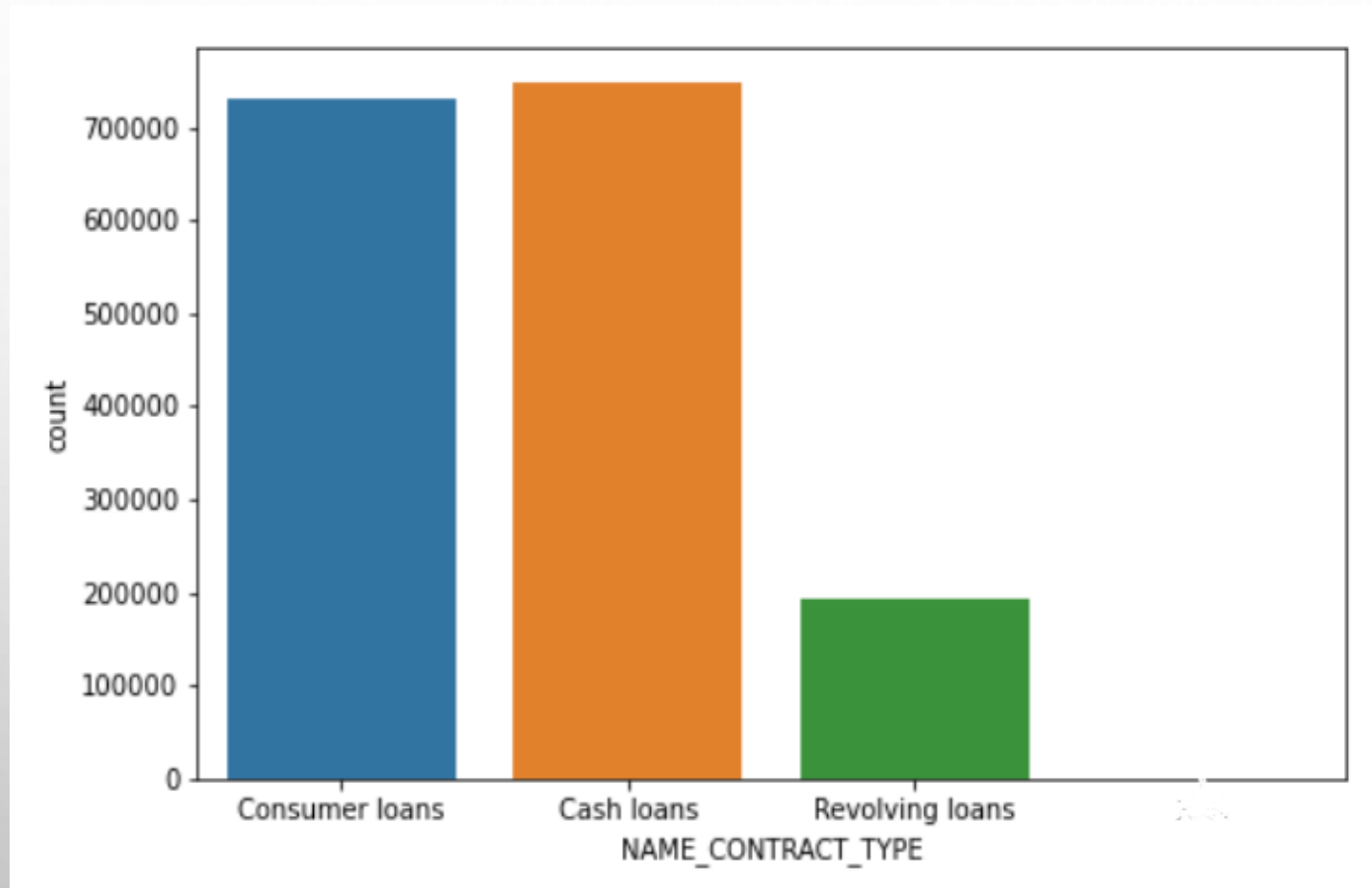
NAME_CONTRACT_TYPE

- FROM THE GRAPH WE CAN SAY FOR DEFAULTERS AND NON DEFAULTERS CASH LOANS IS MORE THAN REVOLVING LOANS.
- AND NON DEFAULTERS USE MORE REVOLVING LOANS THAN DEFAULTERS

CORRELATION



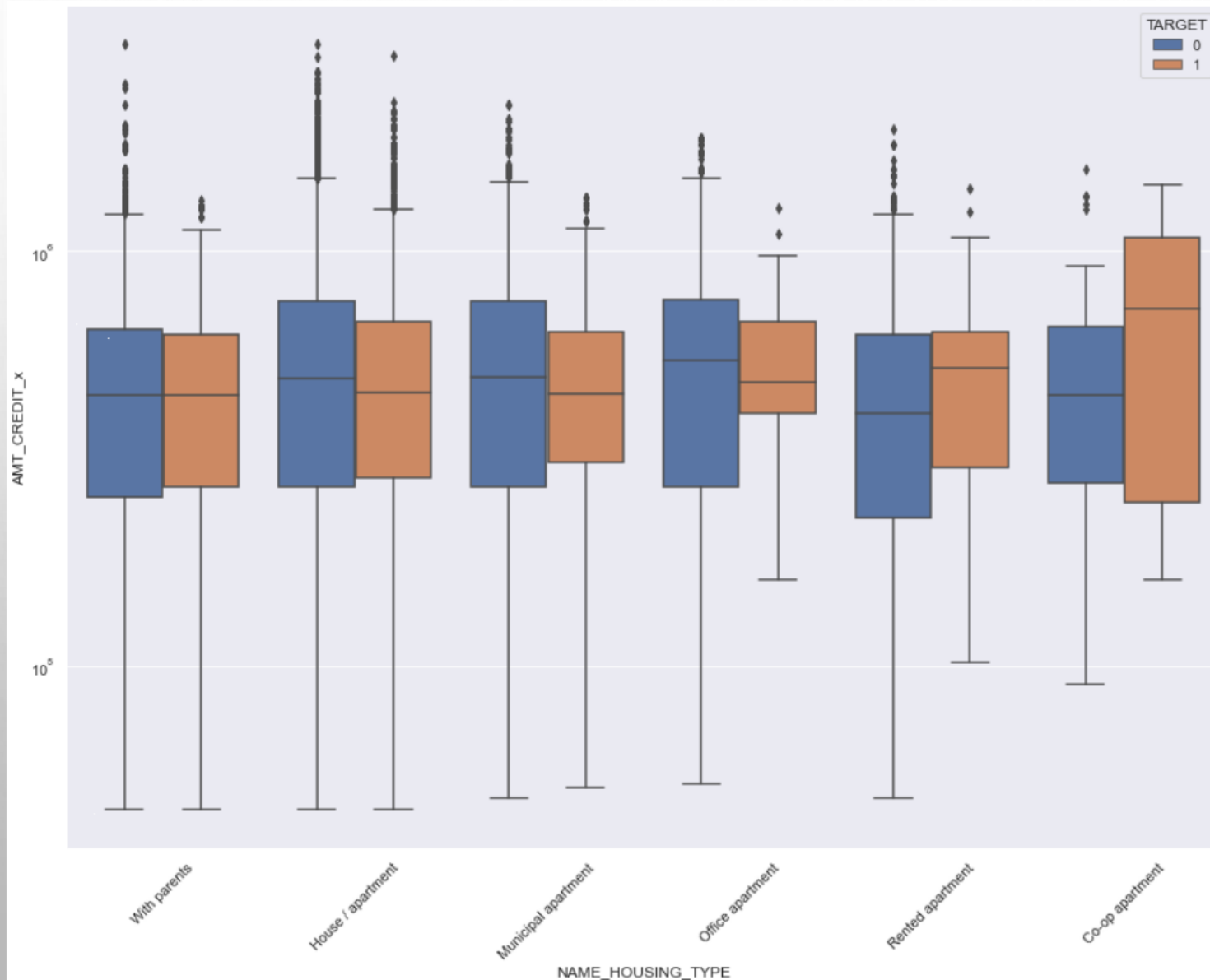
UNIVARIATE ANALYSIS ON PREVIOUS_APPLICATION



NAME_CONTRACT_TYPE

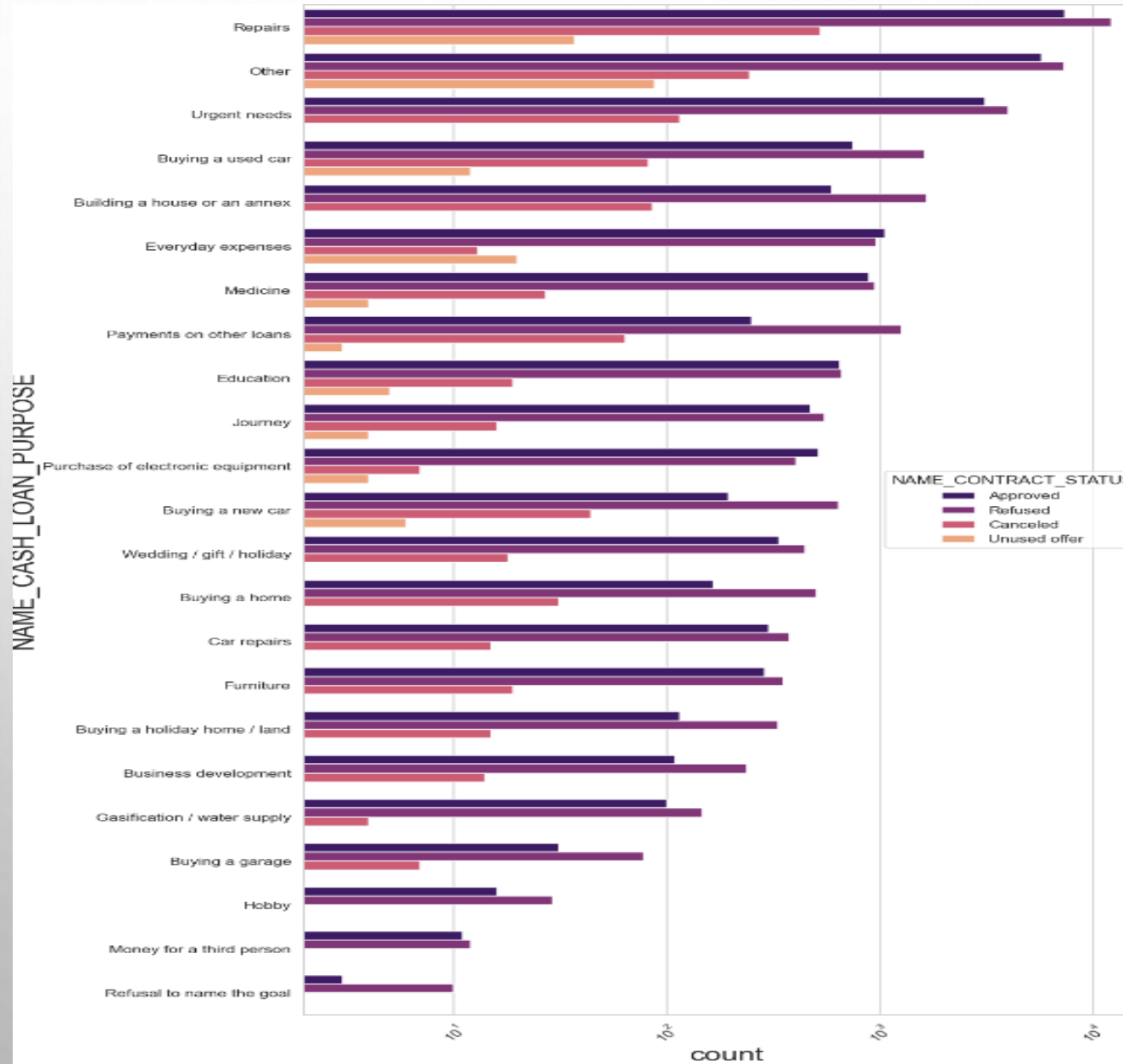
- CASH LOAN IS HIGH WHEN COMPARED TO CONSUMER LOAN AND REVOLVING LOAN

BIVARIATE ANALYSIS



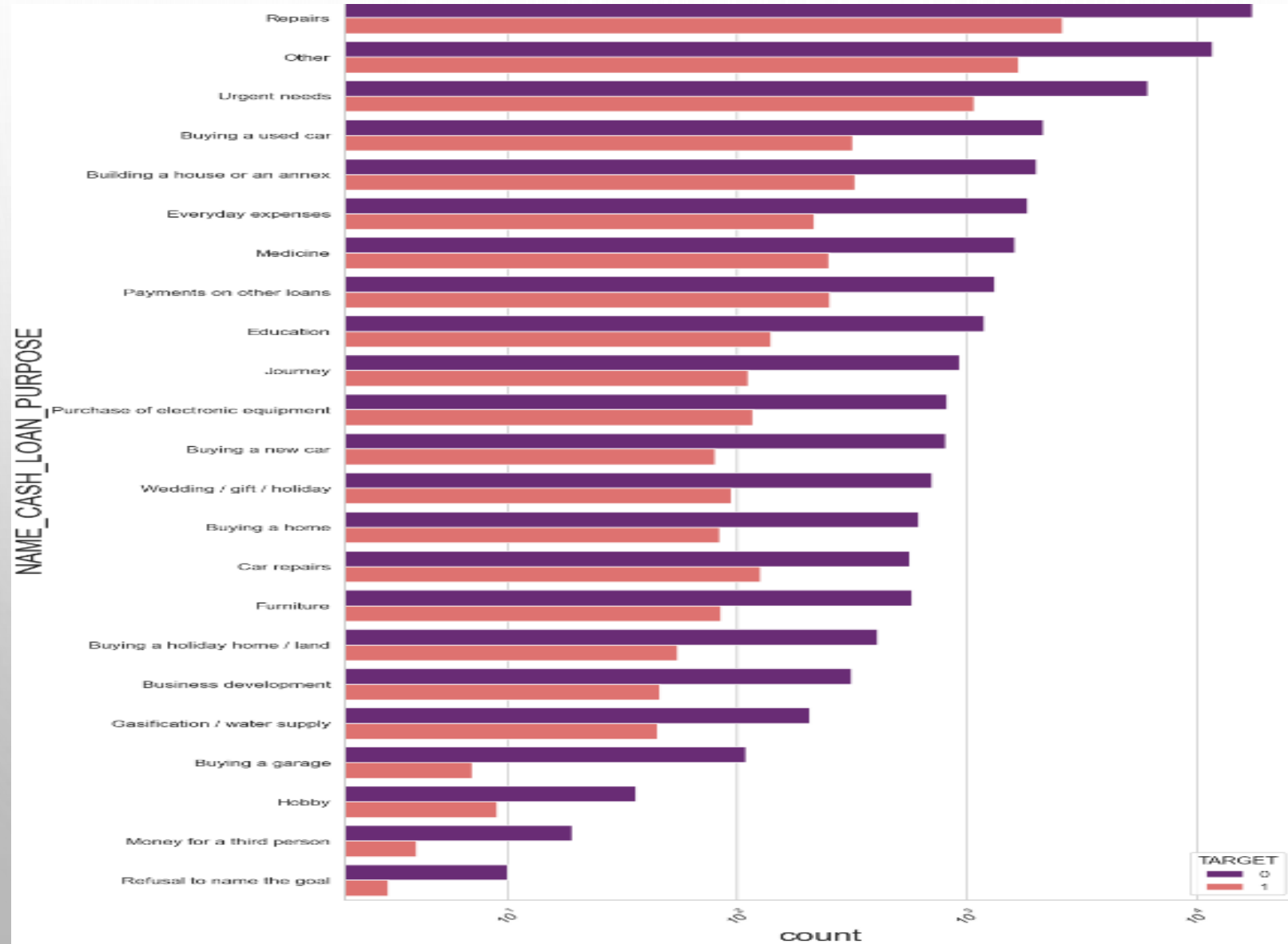
CLIENTS WHO OWNS A HOUSE/APARMENT HAS HIGHEST CREDIT AMOUNT AND THEY ARE THE HIGHEST NON DEFAULTERS

NAME_CASH_LOAN_PURPOSE AND NAME_CONTRACT_STATUS



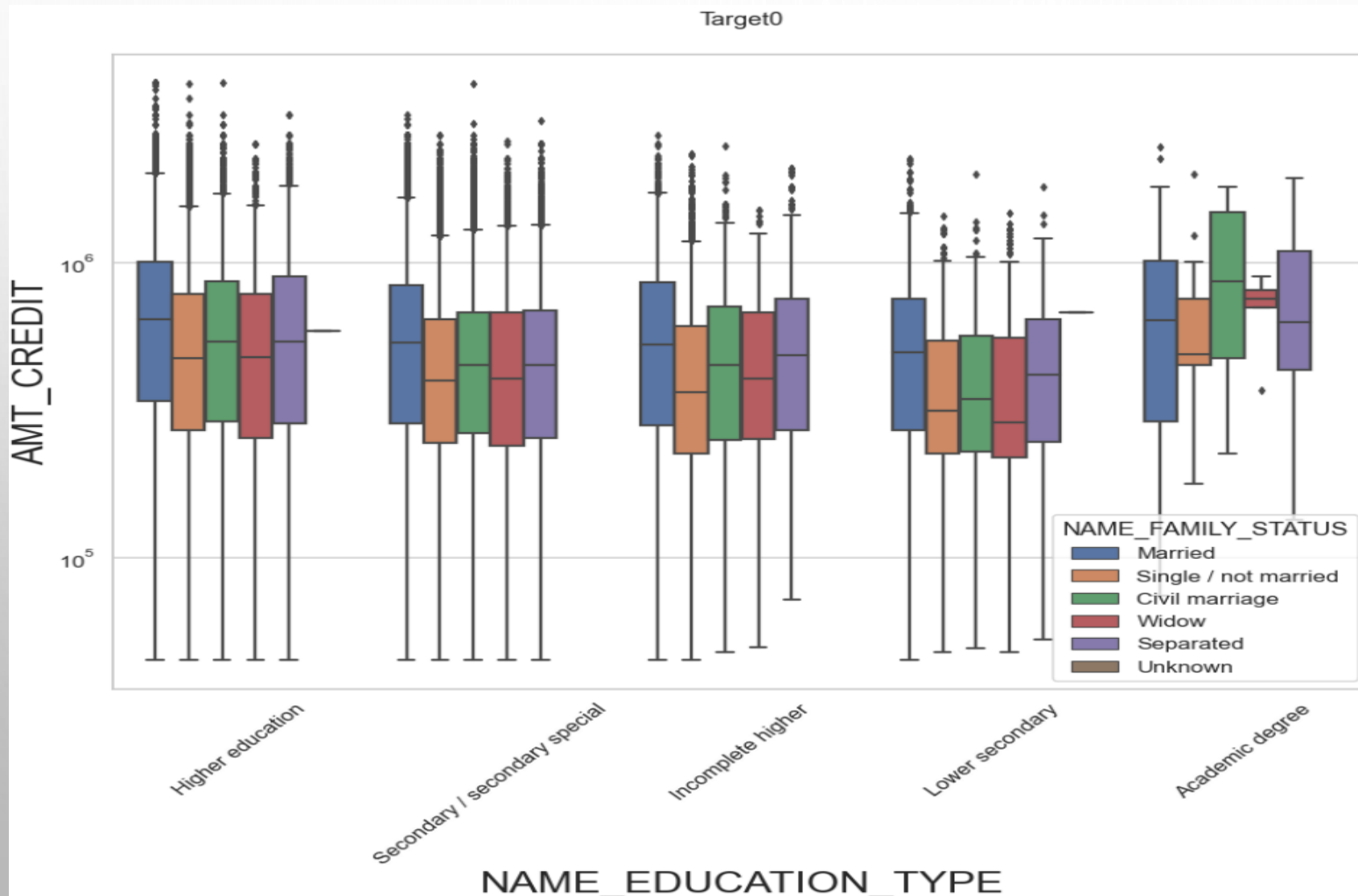
- FOR BUYING A HOUSE, BUYING A USED CAR ,REPAIRS LOANS ARE REFUSED THAN APPROVED.
- HIGHER REJECTIONS ARE IN THE REPAIR CATEGORY. F
- FOR EDUCATION LOAN APPROVED AND REFUSED ARE SAME

NAME_EDUCATION_TYPE



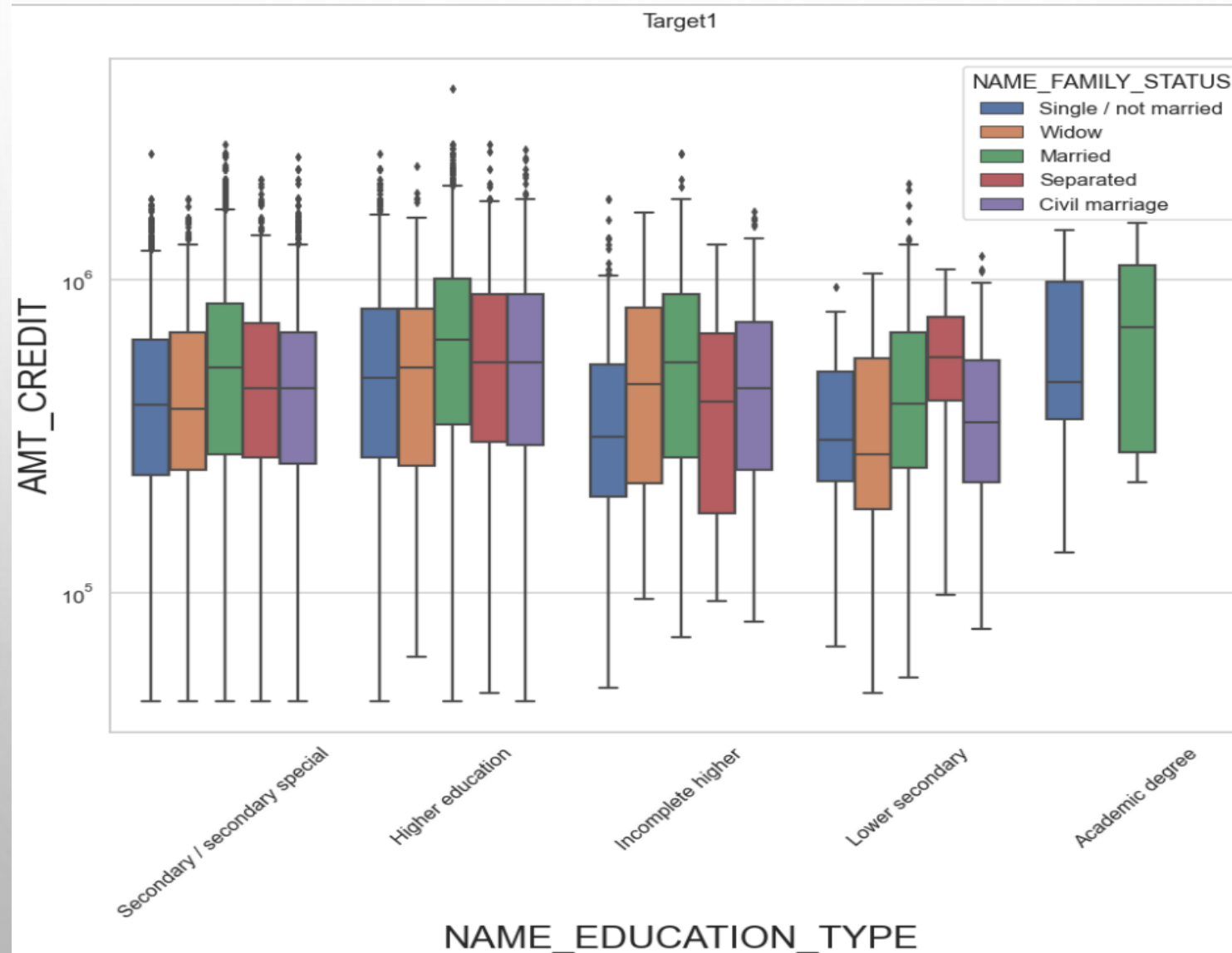
THE PURPOSE OF THE
LOAN IS HIGHEST FOR
REPAIRS

NAME_EDUCATION_TYPE FOR -TARGET 0



FOR NON DEFAULTERS
MARRIED CLIENTS FROM
HIGHER EDUCATION IS HAVING
HIGHER CREDIT AMOUNT

NAME_EDUCATION_TYPE FOR -TARGET 1



FOR DEFAULTERS MARRIED
CLIENTS FROM
SECONDARY/SECONDARY
SPECIAL IS HAVING HIGHER
CREDIT AMOUNT

CONCLUSION

- Banks should focus on repairs as they are having highest number of non defaulters.
- Banks should not focus on hobby or money to third person as they are having least number of non defaulters.
- Banks should not consider education type alone as criteria for loan.
- Banks should focus on approving loans for buying a used car as the history says it has fair number of non defaulters.
- In income type banks should focus on commercial associate as it has good history of non defaulters.
- In income type banks should not be focusing on maternity leave as it has least number of non defaulters.