Effects of borrower rate and loan amount on completing the loan

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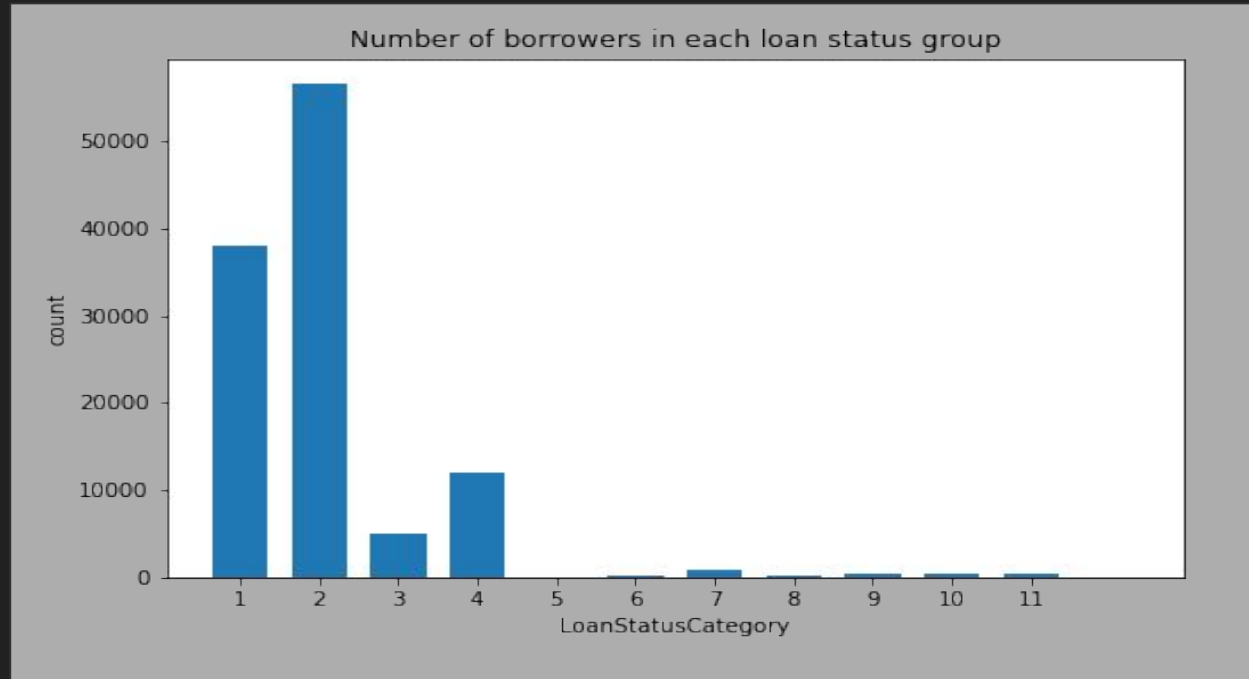
Investigation Overview

In this investigation, I wanted to look at the relation between borrower's rate and the amount of the loan on if the loan is completed or not.

Dataset Overview

The dataset consisted of data related to loan proposers such as the amount of loan they have taken, the proposer's rate and the loan status. It has around 11000 entries.
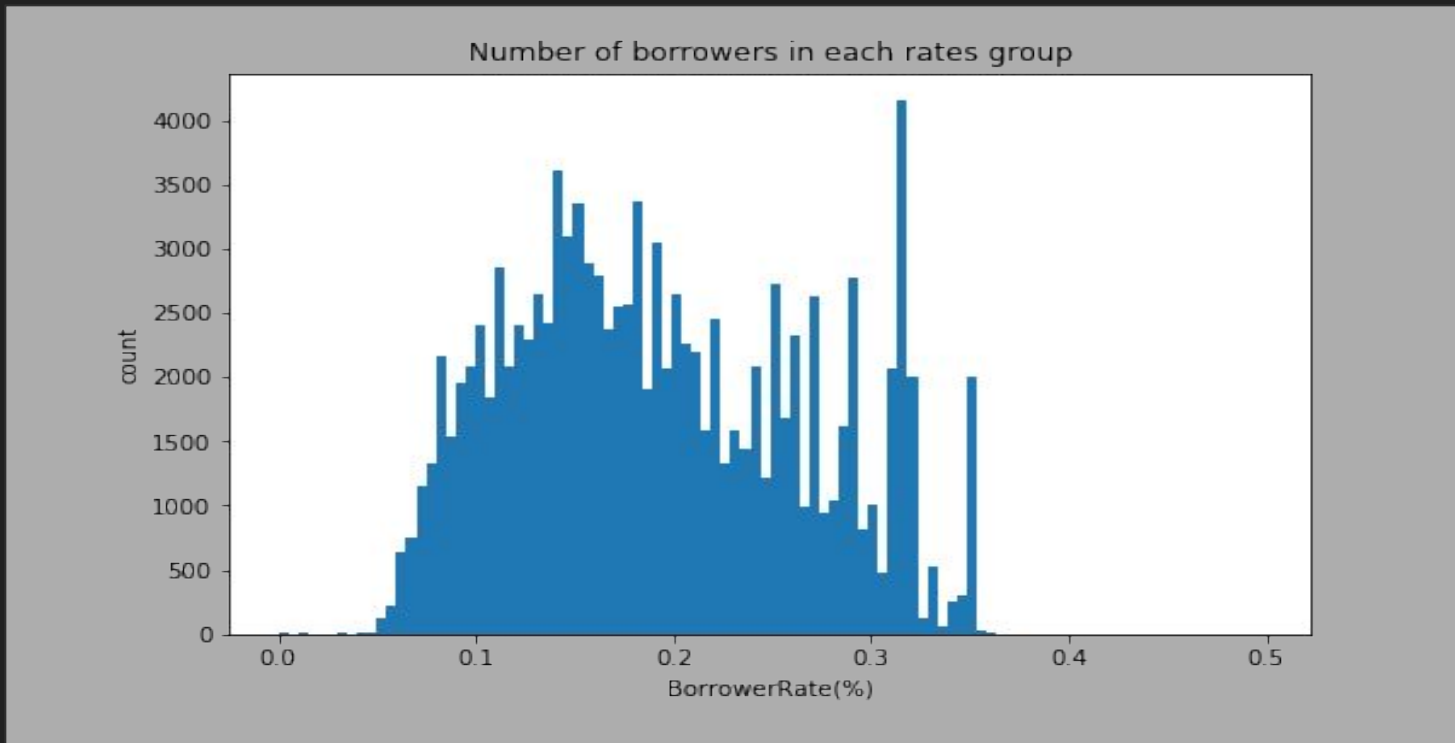
Distribution of loan statuses

Loan statuses take values from 1-12 each value to represent a loan status. The most frequent status is number 2 which represents **Current**.

Distribution of borrowers' rates

The distribution of BorrowerRate histogram has a peak of approximately 4500.

Number of borrowers in each rates group

Distribution of loan amount

From this graph we can conclude that the top loans amounts are approximately **(4000,15000,10000)**

Number of borrowers in each loan amounts group