Report

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1 Visualisation with Tableau

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1.1 Data Set

The Dataset can be downloaded from this link Proposer Loan Data
    This data set contains 113,937 loans with 81 variables on each loan, including loan amount, borrower rate (or interest rate), current loan status, borrower income, and many others.

1.2 Visualisation

The data set has alot of variable to get Visualisation for all variable it will take alot of time I will just try to get a story form this data set with some of dash boards each dash board will cover a varaible and realtion ship with some other
    the link for the initial visualisation is Initital Visualisation
    the link for the final visualisation is Final Visualisation

1.2.1 Design:

Using Bubble set for market share with color variable to increase the importance of each category (factor) when there is many unique value in the factor
    Using dynamic view for some time changing variables to let the viewer feel the changing in it (by using page feature in Tableau)
    Using a parallel bar diagram for some categories (few unique value like Term only 3 (12,36,60))to make the comparison in each value of the factor more direct for perception
    Using pie diagram to show the market share for IncomeRange and the change in time
    Using Scatter plot to show the relation between to measure : and also using color to make it clear of the deference between terms
    Using a parallel bar diagram for some categories (few unique value like Term only 3 (12,36,60))to make the comparison in each value of the factor more direct for perception

1.3 Feedback:

1-Make the borrower rate as a size variable to make it clear that when the value and turst of the borrower is high make the rate low : in the second dashboard of the story

2- All the dashboards and workspaces which are already included in story should be hidden (dont repeat yourself) .

3- Adjust the color for the diagrams to make it color blind friendly

4- give a small discerption for the element of the story and make it easy to understand and self-digest.