

Lending Club Loan Data Interactive Visualization

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python



plotly

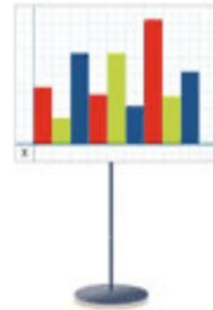
How Lending Club Works?



Borrowers apply for loans.
Investors open an account.



Borrowers get funded.
Investors build a portfolio.

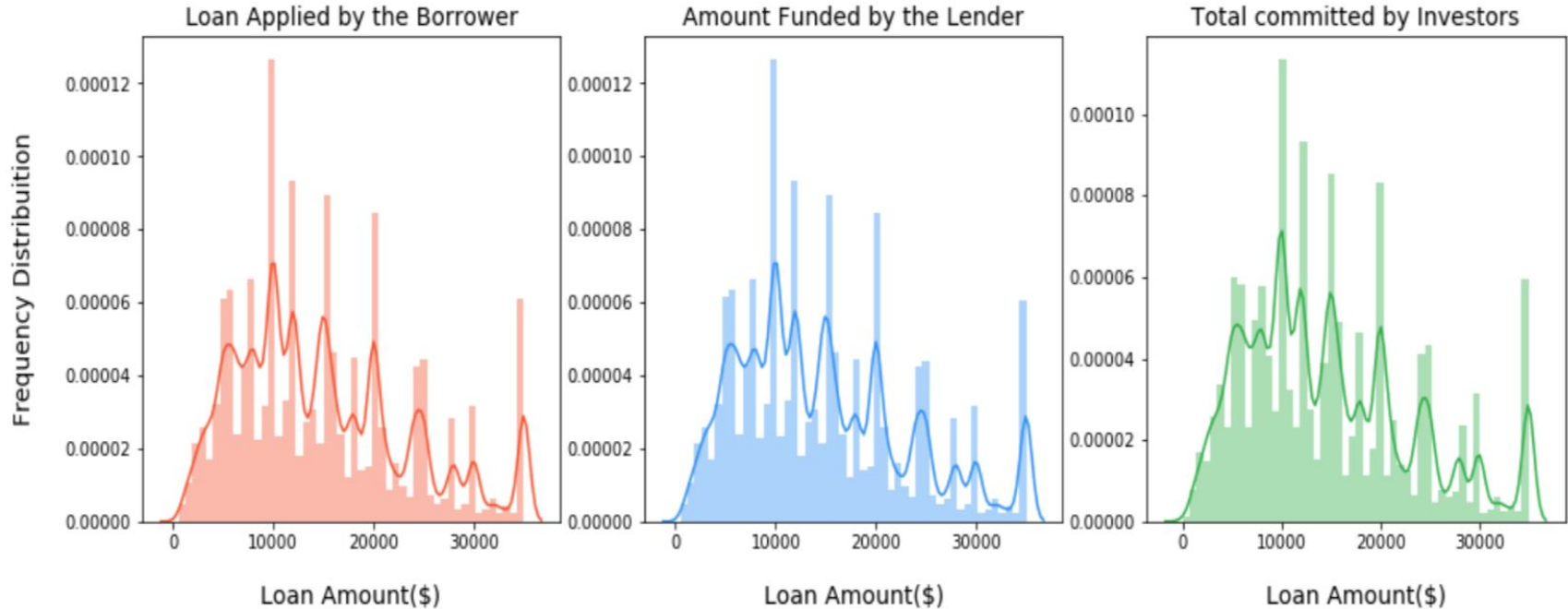


Borrowers repay automatically.
Investors earn & reinvest.

Dataset

- <https://www.kaggle.com/wendykan/lending-club-loan-data>
- 75 variables in total
- Picked 10 variables to explore
 - loan_amnt, funded_amnt, funded_amnt_inv,
 - addr_state, issued_year(derived from original 'issue_d'), purpose,
 - annual_inc, int_rate, grade, sub_grade.

Frequency Distribution of Loan Amount



3 Interactive Visualizations

- Comparison of Loan Amount(\$) by State From 2007 to 2015
- Distribution of Loan Amount(\$) by Purpose From 2007 to 2015
- Loan Amount vs Annual Income by Grade