## Codebook

**Amount.Requested** - The amount (in dollars) requested in the loan application

**Amount.Funded.By.Investors** – The amount (in dollars) loaned to the individual

**Interest.rate** – The lending interest rate.

**Loan.length** – The length of time (in months) of the loan

**Loan.Purpose** – The purpose of the loan as stated by the applicant

**Debt.to.Income.Ratio** – The percentage of consumer's gross income that goes toward paying debts (<a href="http://en.wikipedia.org/wiki/Debt-to-income ratio">http://en.wikipedia.org/wiki/Debt-to-income ratio</a>)

**State** – The abbreviation for the U.S. state of residence of the loan applicant (<a href="http://www.50states.com/abbreviations.htm#.UQ8hxFp2PKo">http://www.50states.com/abbreviations.htm#.UQ8hxFp2PKo</a>)

**Home.ownsership** - A variable indicating whether the applicant owns, rents, or has a mortgage on their home.

**Monthly.income** – The monthly income of the applicant (in dollars).

 $\label{eq:FICO.problem} \textbf{FICO.range} - A \ range \ indicating \ the \ applicants \ FICO \ score. \ This \ is \ a \ measure \ of \ the \ credit worthiness \ of \ the \ applicant.$ 

(http://en.wikipedia.org/wiki/Credit score in the United States)

**Open.CREDIT.Lines** – The number of open lines of credit the applicant had at the time of application.

**Revolving.CREDIT.Balance** – The total amount outstanding all lines of credit (<a href="http://www.ehow.com/about7550001">http://www.ehow.com/about7550001</a> revolving-credit-balance.html).

**Inquiries.in.the.Last.6.Months** – When a person applies for credit, they authorize the lender to "inquire" about their creditworthiness. This is the number of such authorized queries in the 6 months before the loan was issued (<a href="http://www.myfico.com/crediteducation/creditinquiries.aspx">http://www.myfico.com/crediteducation/creditinquiries.aspx</a>).

**Employment.Length** – Length of time employed at current job.