

# CS211 Final Project Proposal

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## Proposal

For my final project, I will be working independently. I will be generating statistics from a data set regarding loan payments. It contains information about whether or not people have paid off their loans, age, education level, etc. I will look at statistics like average age and education level of people who pay off their loans on time, and those who do not pay their loans in time and let them go into collections. This information can be sensitive and could potentially be re-identified so it will be interesting to look at. I will use the Sparse Vector technique to create clipping bounds, and also use the Laplace Mechanism to compute these statistics.

Dataset :

<https://www.kaggle.com/zhijinzhai/loandata?select=Loan+payments+data.csv>