**Group Members**

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**Group Project Proposal**

Our group would like to explore in the possibility of correlation in higher income vs loan debt. The purpose of this project is to determine if there is a difference between individual who earns more and more debt loan. We are going to use the lenders loan club data which we found through the website Kaggle.com to help us to analyze the data and possibly answer our question.

**Question we would like to answer of find out:**

Does higher income correlate to higher loan amount? - **VB**

Is there a link between higher income and States? **EM**

Does States area determine the higher interest rates for individuals? **SN**

Heat map comparison how many loans per state – **RP**

**Create PieChart - CV**

Purpose of Loans – **CV** (compare with the State)

Compare debt ratio - **CV**

Use a scatter plot to see if there is a linear relationship – **RP**

What is the average loan debt (DTI)? **– EM**