LINKS

- story_v1
- story_final

SUMMARY

I analyzed Loan Data from Prosper dataset, which contains 113,937 loans with 81 variables on each loan. I wanted to see what types of loans and what kinds of borrowers are represented in it. Some of my findings are:

- There are no records about loans for North Dakota
- Employed borrowers more likely to take bigger amount
- For motorcycle loans on average delinquent amount is more then half of original loan amount
- Utah has the highest debt to income ratio
- Student use loans are only for 36 months term with the highest average amount in 1st and 2nd quarter of 2008

DESIGN

I chose blue and orange colors for charts for better accessibility.

I used maps for better visual representation of states, histogram for distribution of numerical data, bar charts for categorical data and line chart for showing changes of numerical data during time frame.

I added legends explaining the meaning of colors.

I added interactive-filters for pages with two charts so by clicking on element on one of them (e.g. state on the map) filters data for the other one (e.g. bar chart). It helps dynamically see the change.

Also, I used a side filter for categories which helps dynamically see the change on the chart depending on the category.

Changes after feedback

On page 1 switched top and bottom charts and moved legend to the corner for better visual experience.

Made bar chart on pages 3 and 4 horizontal so long labels are readable.

On page 5 added term units ("months") to legend labels.

Added hints about available interactions on each page.

Corrected titles/labels.

FEEDBACK

Page 1.

- Put average loan original amount first before the distribution.

Page 3.

- Change listing from vertical to horizontal.

Page 4.

- Average debt to Income Rate chart too small, linear results.
- Change "Rate" to "Ratio".

Page 5.

- Add Term length "month".

*Change "Loan Original" to "Original Loan"

*Change "Amount Delinquent" to "Delinquent Amount"

*Remove word "Listing" from "Listing Category"

Add hints about available interactions:

- *Hover over states for detailed information
- *Click for filtered information

RESOURCES

N/A