

Project 8 – create a tableau story

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1- Tableau stories:

1.1- Initial story : <https://goo.gl/W6jQAQ>

1.2- Final story: <https://goo.gl/4Ye9KG>

2- summary:

The selected data is ProsperLoan data set , it contains 113,937 loans with 81 variables on each loan. In project 6 - EDA I used this data set for **exploratory** data step and I cleaned it , so the result of that is about 84,000 observation with 40 feature . To see the **eda** step see the following link : <https://goo.gl/ckYMii> .

In Summary , number of defaulted loans decreases by years as in history slide . For the states , SD(South Dakota) has the highest default percent as in states slide. And for the other features , ProsperRating and ProsperScore have a high effect at loan status (low rating is an indicator of high default probability) as the last two slides.

3- Design:

3.1 –plots:

I decided to combine the related visuals in the same dashboard, and then each dashboard in story slide, the dashboards as the following:

3.1.1 – history dashboard:

The visuals related to date/years together this includes year vs number of years, loan status among years , prosper rating and prosper score among years.

3.1.2- loans among states dashboard:

The visuals related to loans among states together , this includes : loan status among states and the default percent among state .

3.1.3- loan status vs different factors:

In the EDA step I found many features that affect loan status, so I will plot some visuals of these relations as the following: loan status in prosper score vs income range , borrower rate in prosper score vs prosper rating, default percent in prosper score vs prosper rating, default percent with incomes .

3.2 – colors :

In the first version I used the default colors of tablau , but after the feedback I decided to not use green and red colors together , so I used the gradient of one color in the plot.

4- Feedback:

I asked my university colleagues and student hub colleagues about any notes, then I got the following notes and modified them:

Amélia P.  Mentor 12:51 AM, Dec 3



1. Please remove the acronyms from your dashboard. For example, A, B, C etc

Amélia P.  Mentor 12:53 AM, Dec 3



2. Line charts must be used in time series.
Please review your plot in the last page

- And one of my colleagues said that the last slide of story has too many plots (crowded) , so I divided the plots to two slides rather than one .

5- Resources:

5.1- udacity nanodegree videos and mentors, includes student hub.

5.2- https://onlinehelp.tableau.com/current/pro/desktop/en-us/maps_build.htm

5.3- <https://www.youtube.com/watch?v=p0CsAe5jTHs>