# Project Prosper Loan Tableau Story

## Summary:

In the visualisation, I tried to figure out the no. of loans processed over the years. To show average total prosper loans for different employment status. What was the Borrower Rate for term of 12,36 and 60 months and what was the Borrower Rate for different Loan Status and also, tried to find out the trend from the loan data.

## Initial Design:

I followed following rules in design:

- Charts:
    - Line Chart: For Year and No. of Records, Monthly Loan Payment
    I will use line chart for showing year and no. of records for loan as it is easy to see the uptrend/downtrend.  This will also help us to analyse the trend for loan repayment for years.

    - Horizontal Bar Chart: For showing the no. of observations for income range and loan status
    This chart will help in getting to find out the observations for each income range where income is verified or not also will use for knowing loan status and their borrower rate.
    - Stacked Bar: Loan Status and Term of loan
    This chart will serve to figure out the avg. borrower rate for no. of terms for which loan was issued.

- Filter: For categories, I will have filter in the visualisation.
- Colour: Using colour so as to make the visualisation interacting and clear.
- Ordering: Will prefer highest to lowest so that chart can be understood easily.
- Caption: Will have caption where ever required so that message from the chart can be explained.
- Actions: Will use Hovering where I need to show results from using more than one chart.

## Initial Version:

https://public.tableau.com/profile/deepak.phulara#!/vizhome/ProsperLoan_v1_0/ProsperLoanStory?publish=yes

## Feedback:

1) In the 1st plot, to remove "Null" from the Filter. To write something that explains what's going on in a text box.

2) In the 2nd plot, to rename 'EmployeeStatus' to 'Employed' so that variable name could be more presentable.
3) In the last plot, to add more information as they engage people to see your work and the conclusion.

## Final Design:

I followed following rules in design after receiving feedback:

- Filter: For categories, I will have filter in the visualisation.
- Colour: Using colour so as to make the visualisation interacting and clear.
- Text Box: To display information.
- Font Size
- Chart: Using best suitable chart to convey my findings.

## Final Version:

https://public.tableau.com/profile/deepak.phulara#!/vizhome/ProsperLoan_Final/ProsperLoanStory?publish=yes