

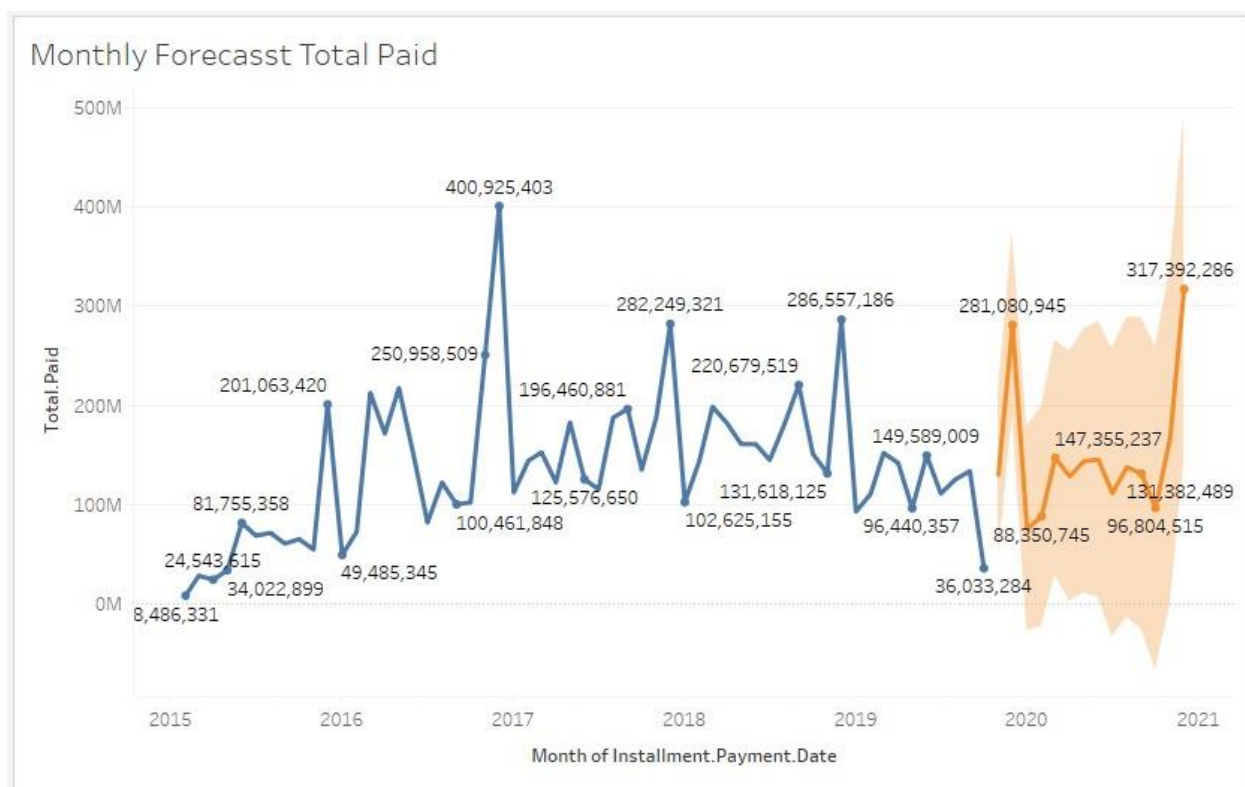
Tableau Assignment

Forecast:

The data had some missing values, so it needed some cleaning to be done. After cleaning and importing the data, I selected the desired rows and columns and applied forecasting on it with its proper settings.

I implemented forecasting on the total amount paid(row), and installment payment date. The range of forecasting is 1 year.

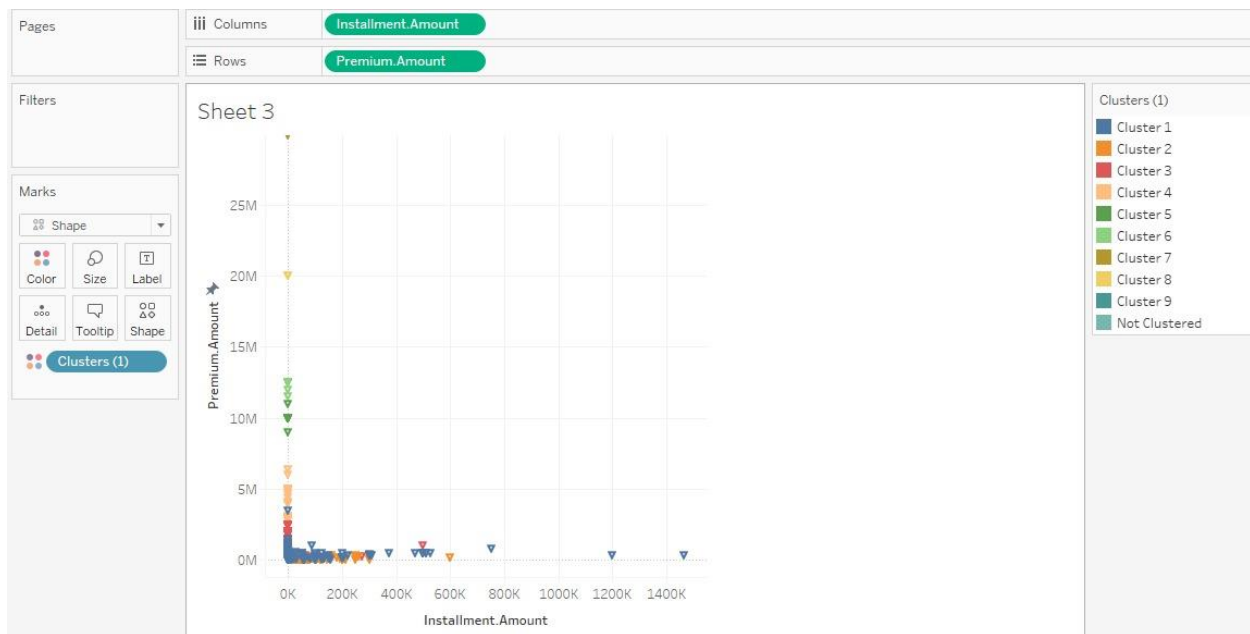
In the Given below chart the orange area is the forecasted total amount and the blue is the actual paid amount.



Cluster:

In clustering I had to figure out the KPI's that can be useful. Many of them were regarding Customer Growth, Customer Retention, Payment Due Date Exceeded, Installment Rate etc. I chose to show the clusters within the installment rate.

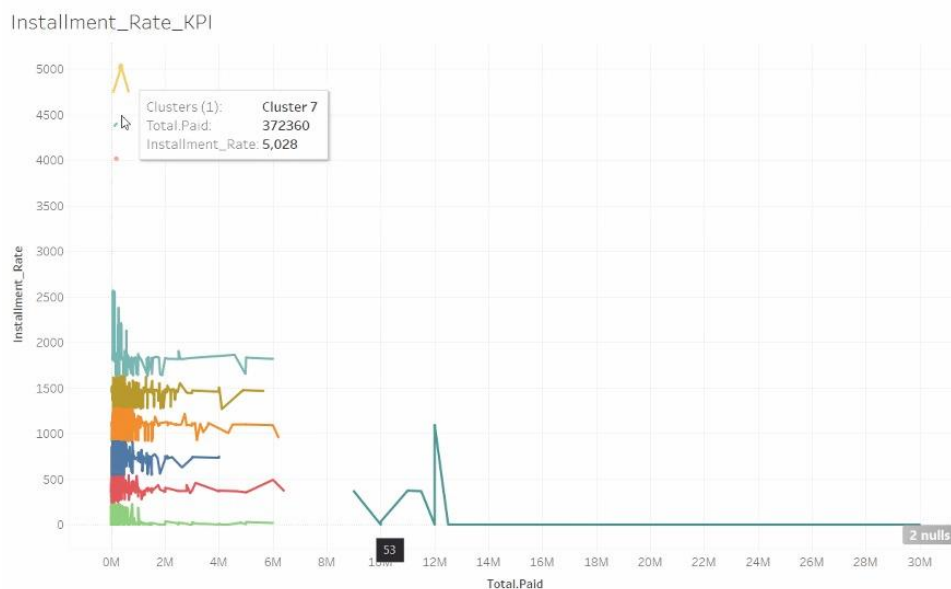
First to understand the data better I implemented clustering on installment amount and premium amount.



This diagram shows the varying status of people. Most of them have a policy of 1 year and u can see around the beginning of chart which mostly dense.

After this I created another calculated column of installment rates as it was a much needed KPI that can tell which people had completely paid of all the installments. Using the if condition where installment due date exceeded the payment date meant that the person had paid up.

The chart below show the clustered result:



The more the installment rate the less the total paid amount.