

Rabia Memon – 14908

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- Forecast of Average Total Paid with Policy Since (Year)
- Avg. Total Paid
- Policy.Since (Year)
- Forecast indicator
- Actual
 - Estimate
- Average Payment Forecast Dashboard 1

Describe Forecast
×

Summary
Models

Options Used to Create Forecasts

Time series: Policy.Since (Year)
Measures: Avg. Total.Paid
Forecast forward: 10 periods (20 – 29)
Forecast based on: 0 – 19
Ignore last: 1 period (20)
Seasonal pattern: 10 period cycle

Avg. Total.Paid

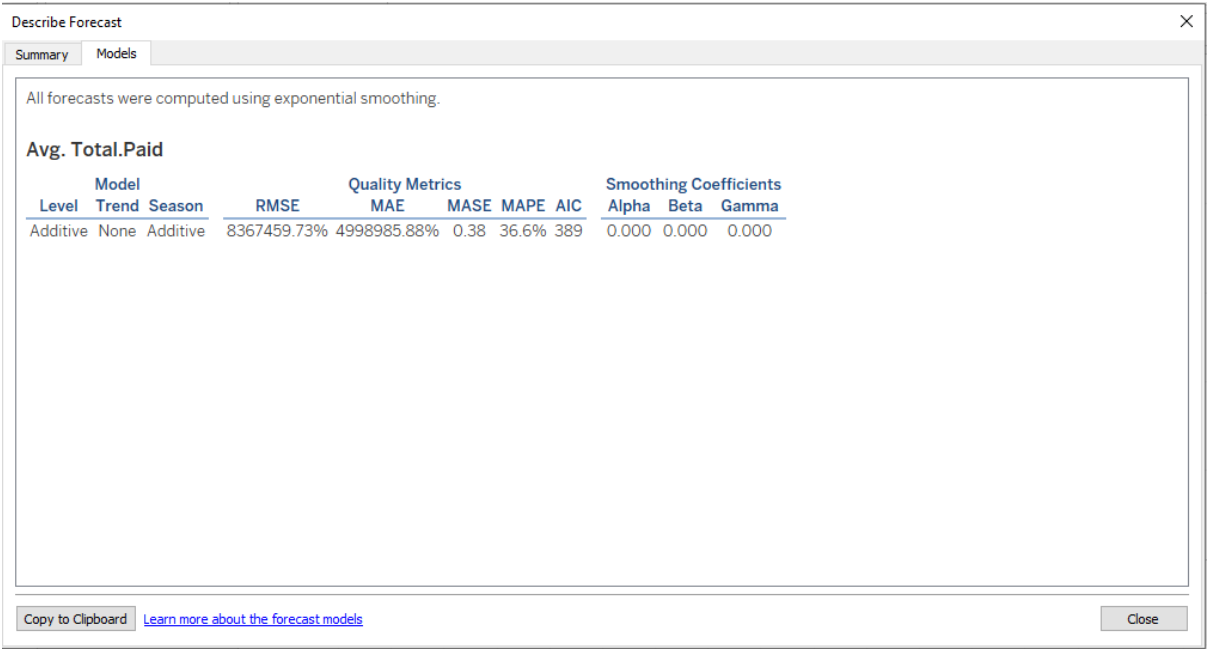
Initial 20	Change From Initial 20 – 29	Seasonal Effect		Contribution		Quality
		High	Low	Trend	Season	
0.00% ± 13763246.49%	65990800.00%	27 50222516.48%	20 -31386340.85%	0.0%	100.0%	Good

☐ Show values as percentages

Copy to Clipboard
[Learn more about the forecast summary](#)

Close

However, the RSME (Root-square-mean-error) is high, which indicates the overfitting of data.

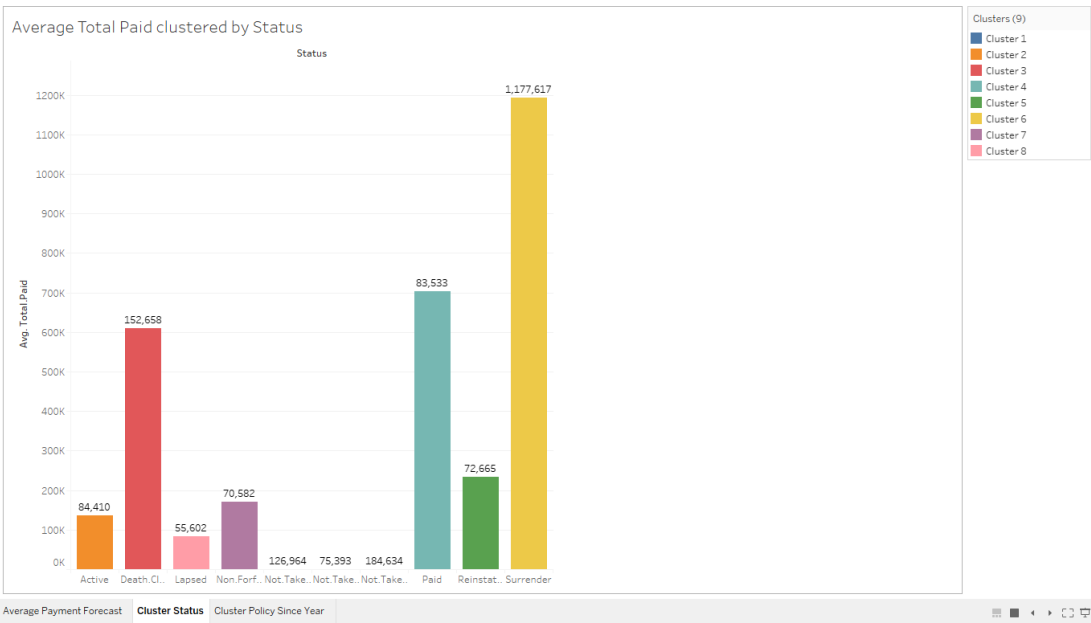


2. Make clusters of the customer payment patterns (determine the best two KPIs for that as in today's video) and interpret your results thoroughly.

Two KPI's

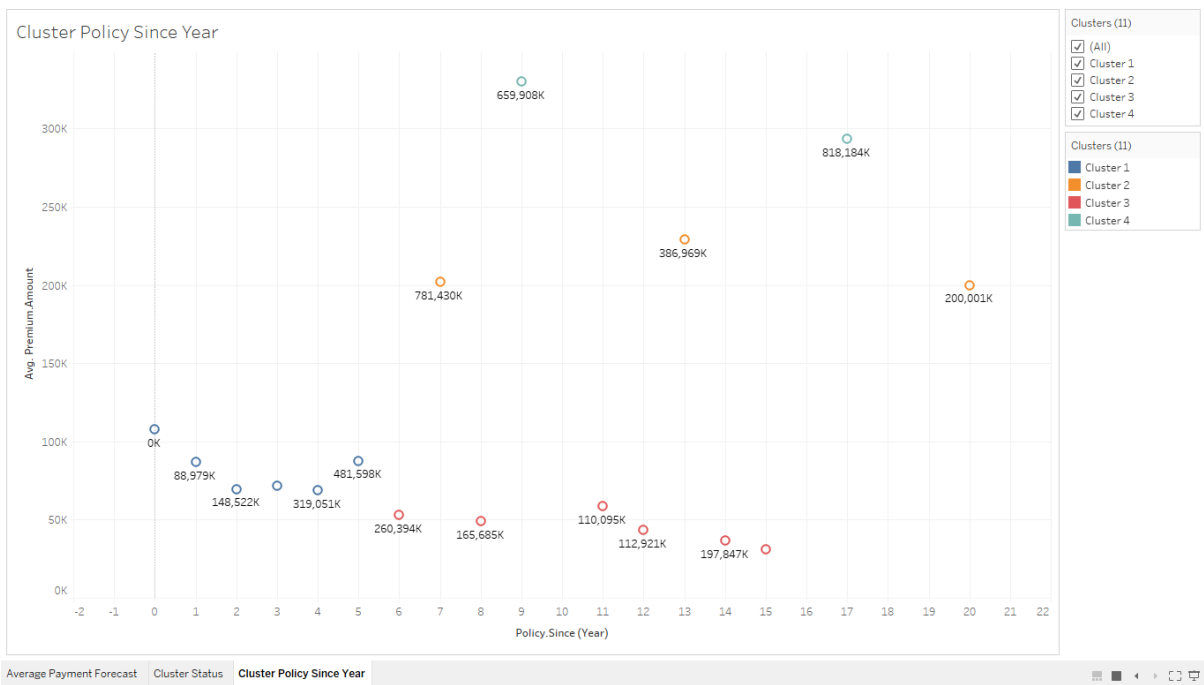
- Status
- Policy.Since (Year)

Cluster 1:



This is a graphical representation of **Average Total Paid clustered by Status**. Clusters are made to find out the Average Premium amount paid by each cluster which is mentioned on the top. The highest Average Premium amount is paid by Cluster 6 with a status of Surrender and Average Total Paid amount of 1,192,393.

Cluster 2:



This graph identifies the **4 clusters based on Policy Years across Average Premium amount**. It mentions the Average Total Paid amount on top of each value categorized in clusters. The highest value belongs to Cluster 4 with Average Premium amount of 3M and Average Total Paid amount of 6M.