I have approached this problem in two ways, using original features and reduced features using PCA

I am using same features, that I have used for Lookalike. I have explained each feature in detail in ipynb file.

Total features created were 115 in dimension

Following are the results for each method I used

## 1. Kmeans Without Dimentionality Reduction:

Clusters Formed -3, chosen using Elbow Method DB Index Value -2.0877 Silhouette Score -0.1244 Calinski-Harabasz Score -37.85

## 2. Kmeans With Dimentionality Reduction:

Clusters Formed - 12 , chosen using Elbow Method DB Index Value - 1.07 Silhouette Score - 0.06 Calinski-Harabasz Score - 15.890

While experimenting, I had reached DB Index Value of 0.96, for 13 clusters, but after plotting them I was not satisfied, so I dropped it.