

Prediction Results

We used the K-means algorithm which is the most powerful and the most known algorithm used in clustering for clustering our data. First of all, We defined the number of clusters Our decision is choosing five cluster. We found this number of clusters is the most appropriate number of clusters based on the number of records we have we thought that splitting the into five clusters would give us an accepted number of units in each cluster.

The two attributes the algorithm depends on in clustering are the values in the age column which are displayed on the x-axis and the values in the seconds-elapsed column are displayed on the y-axis

The centroids which represent the center of each cluster are also defined and displayed in the graph.

Our conclusion based on the clustering process we did is that the most segment which average age group is $3.55707399e+01$.