1. Let we have 5 clusters/interval/bins
2. Posttensioned all 5 centroids at random in the graph
3. Calculate the distance between each point with each centroid.
4. Choose the best/least distance for each point and map that point in that centroid cluster. A screenshot of a computer

   Description automatically generated
5. Then change the centroid to the mean of the points of that cluster. A screen shot of a diagram

   Description automatically generated



Changing the position of the centroid.

1. Repeat step 3 - step 5 till when there is no difference between the position of the centroids.
2. Then we got the centroid positions and that coordinates are the interval/bin values.