ATIVIDADE T15 - WESLEY PEIREIRA DA SILVA: RII-2018

TER OUT 9 23:28:09 -03 2018

Iniciando Clusterizacão kMeans K: 2 Total Clusters: 2 Max iterations: 200 Selecionando os centroids iniciais Calculando os novos clusters!! Cluster 0 76 Cluster 1 74 Iniciando Clusterizacão kMeans K: 3 Total Clusters: 3 Max iterations: 200 Selecionando os centroids iniciais Calculando os novos clusters!! Cluster 0 30 Cluster 1 61 Cluster 2 59 Iniciando Clusterizacão kMeans K: 4 Total Clusters: 4 Max iterations: 200 Selecionando os centroids iniciais Calculando os novos clusters!! Cluster 0 43 Cluster 1 35 Cluster 2 39 Cluster 3 33

Standard Term Frequency Weights————— Data set density: 21351.8785543 Average of the density: 0.948972380192

AVG similarity between docs and corresponding centroids (x): 0.977043677861 AVG similarity between centroids and main centroid: 0.999999631789 AVG similarity between pairs of cluster centroids (y): 0.49999926363 Ratio y/x: 0.511747094792

Term Frequency with Iinverse Doc Freq—— Data set density: 21528.2691102 Average of the density: 0.956811960452

AVG similarity between docs and corresponding centroids (x): 0.979123051628 AVG similarity between centroids and main centroid: 0.999999631789 AVG similarity between pairs of cluster centroids (y): 0.49999926363 Ratio y/x: 0.510660292185

Standard Term Frequency Weights————— Data set density: 21351.8785543 Average of the density: 0.948972380192

AVG similarity between docs and corresponding centroids (x): 0.977828023807 AVG similarity between centroids and main centroid: 0.999991332611 AVG similarity between pairs of cluster centroids (y): 0.666649332078 Ratio y/x: 0.681765418711

Term Frequency with Iinverse Doc Freq—— Data set density: 21528.2691102 Average of the density: 0.956811960452

AVG similarity between docs and corresponding centroids (x): 0.979697081158 AVG similarity between centroids and main centroid: 0.999991332611 AVG similarity between pairs of cluster centroids (y): 0.666649332078 Ratio y/x: 0.680464752728

Standard Term Frequency Weights————— Data set density: 21351.8785543 Average of the density: 0.948972380192

AVG similarity between docs and corresponding centroids (x): 0.977108726634 AVG similarity between centroids and main centroid: 0.99999395908 AVG similarity between pairs of cluster centroids (y): 0.74998791875 Ratio y/x: 0.767558305752

Term Frequency with Iinverse Doc Freq—— Data set density: 21528.2691102 Average of the density: 0.956811960452

AVG similarity between docs and corresponding centroids (x): 0.979167423602 AVG similarity between centroids and main centroid: 0.99999395908 AVG similarity between pairs of cluster centroids (y): 0.74998791875 Ratio y/x: 0.765944516405