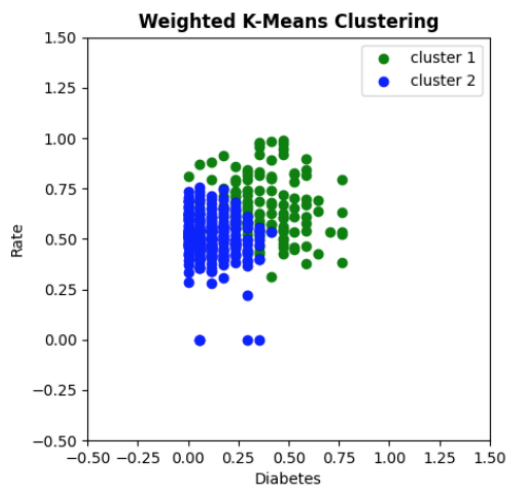


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Homework 6

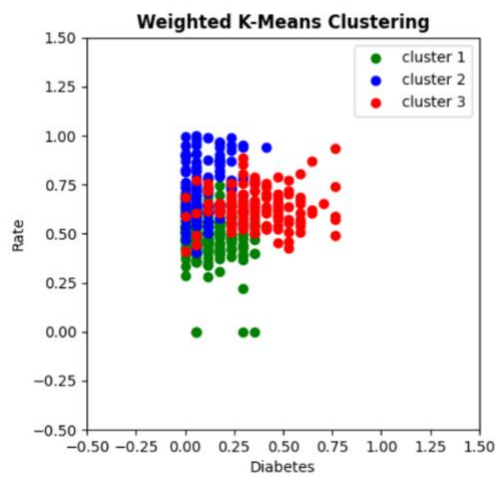
K-Means Clustering:

$K=2$, $W=0.1$



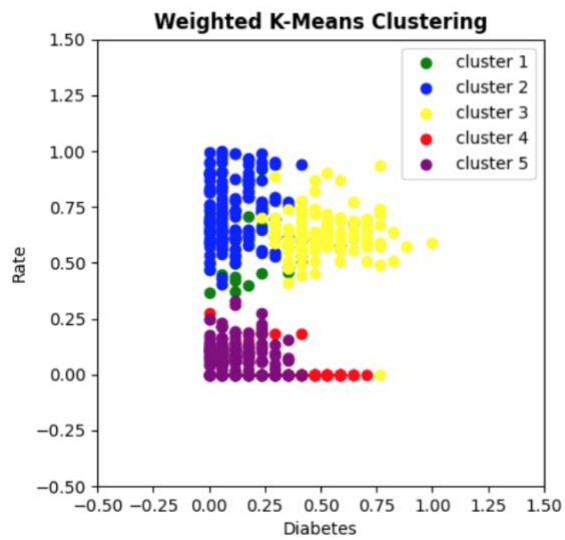
Random Index Predict: 0.9353494847852506
Davies-Bouldin Index Predict: 0.9556518456928808

$K=3$, $W=0.1$



Davies-Bouldin Index Predict: 0.9571097565104169
Random Index Predict: 0.9390463676253826

K=5, W=0.1



Davies-Bouldin Index Predict: 0.928053467686902

Random Index Predict: 0.9085862316645164