CS-4033

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**Homework 6**

**K-Means Clustering:**

K=2, W=0.1

**Chart, scatter chart

Description automatically generated**

**Random Index Predict: 0.9353494847852506**

**Davies-Bouldin Index Predict: 0.9556518456928808**

K=3, W=0.1

Chart, scatter chart

Description automatically generated

Davies-Bouldin Index Predict: 0.9571097565104169

Random Index Predict: 0.9390463676253826

K=5, W=0.1

Chart, scatter chart

Description automatically generated

Davies-Bouldin Index Predict: 0.928053467686902

Random Index Predict: 0.9085862316645164