Recommendation Report
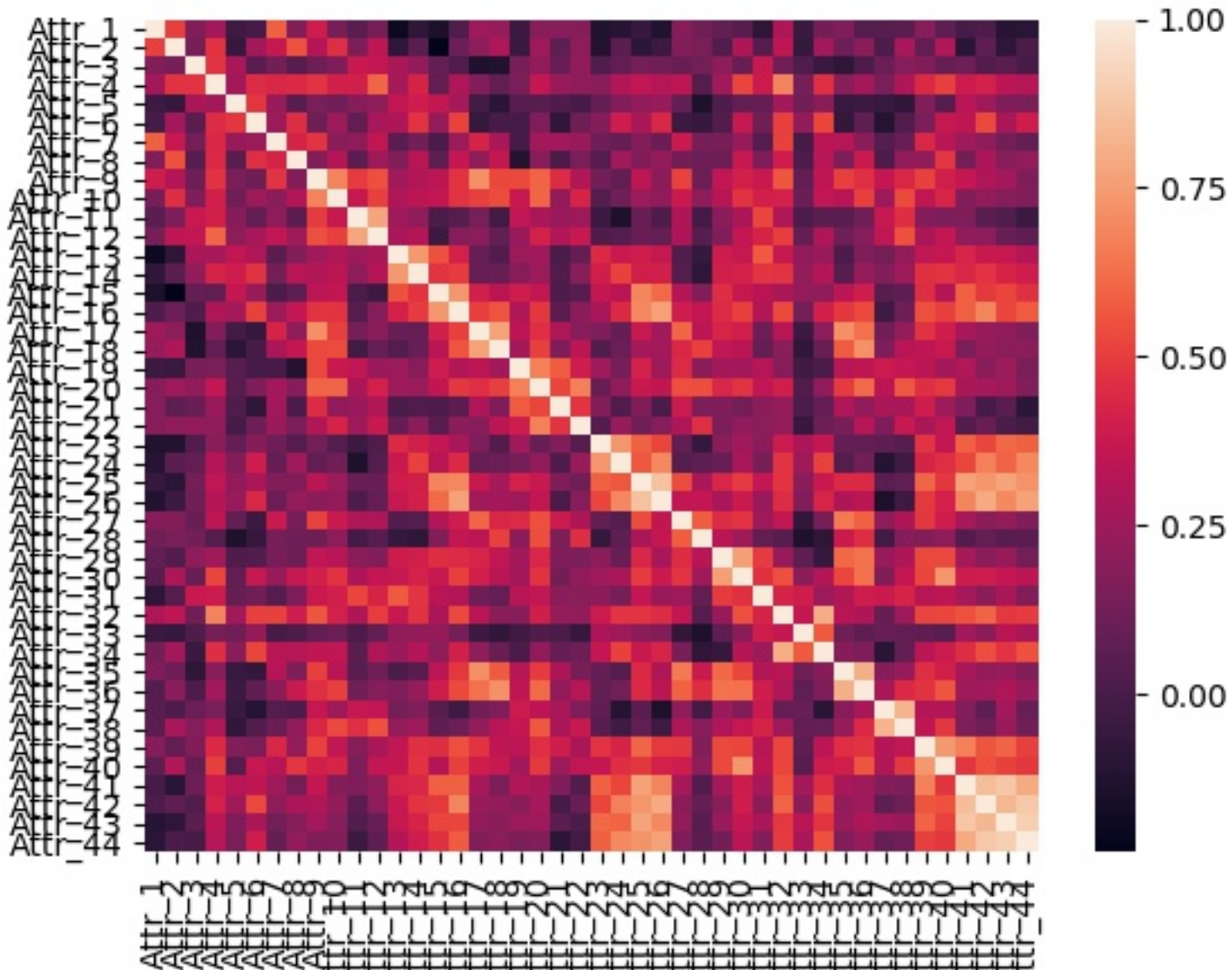
Rows : 110

Columns : 45

Feature	Average	Median	Mode
Attr_1	67.44545	68.0	70.0
Attr_2	66.85455	67.0	66.0
Attr_3	69.49091	70.0	70.0
Attr_4	70.23636	71.5	74.0
Attr_5	67.18182	68.0	65.0
Attr_6	67.20909	68.5	69.0
Attr_7	71.32727	72.0	74.0
Attr_8	71.21818	72.0	73.0
Attr_9	63.9	65.0	64.0
Attr_10	63.51818	65.0	67.0
Attr_11	70.08182	72.0	73.0
Attr_12	70.69091	73.0	78.0
Attr_13	67.99091	69.5	71.0
Attr_14	69.0	71.0	74.0
Attr_15	64.19091	65.0	62
Attr_16	61.94545	64.0	62.0
Attr_17	68.41818	69.0	69.0
Attr_18	67.37273	68.0	68.0
Attr_19	66.55455	67.0	63.0
Attr_20	64.4	65.5	66.0
Attr_21	74.26364	75.0	74.0
Attr_22	72.95455	74.0	78.0
Attr_23	68.37273	69.0	69.0
Attr_24	68.11818	69.5	68.0
Attr_25	60.24545	63.0	66.0
Attr_26	59.30909	63.0	64.0
Attr_27	62.83636	64.0	62.0
Attr_28	61.68182	63.0	67.0
Attr_29	64.29091	66.5	66.0
Attr_30	63.39091	66.0	68.0
Attr_31	71.68182	72.0	72.0

Attr_32 72.19091 74.0 75.0
Attr_33 62.15455 62.5 65.0
Attr_34 62.41818 64.0 66.0
Attr_35 65.4 66.0 66.0
Attr_36 64.83636 66.0 64.0
Attr_37 65.72727 66.0 66.0
Attr_38 64.90909 66.5 71.0
Attr_39 68.92727 70.0 69.0
Attr_40 67.53636 69.0 72.0
Attr_41 66.10909 68.5 74.0
Attr_42 64.35455 68.0 68.0
Attr_43 55.61818 59.0 59
Attr_44 54.19091 58.0 59.0

Correlation Heatmap

Algorithm

Knn

Accuracy : 0.8485

TNR : 1.0

TPR : 0.7619

Time Taken : 0.012965917587280273

Naive Bayes

Accuracy : 0.7818

TNR : 0.9429

TPR : 0.7067

Time Taken : 0.008963823318481445

SVM

Accuracy : 0.7364

TNR : 0.6548

TPR : 1.0

Time Taken : 0.021940946578979492

Neural Network

Accuracy : 0.7545

TNR : 0.75

TPR : 0.7593

Time Taken : 0.2852356433868408

Recommendation

Based on Accuracy : Knn with accuracy 0.8485

Based on Time : Naive Bayes with time taken 0.008963823318481445