Report for Dataset pimaindians-diabetes

Model Score with: random_state= 44 and training=80%

	Acc	precision	recall	f1-score
SVC	75.974026	0.81	0.72	0.72
RandomForestClassifier	`80.519481`	0.81	0.78	0.79
LogisticRegression	`79.220779`	0.84	0.76	0.77
DecisionTreeClassifier	77.272727	0.77	0.76	0.76
KNeighborsClassifier	72.077922	0.72	0.69	0.69
BaggingClassifier	75.324675	0.77	0.72	0.73
XGBClassifier	74.025974	0.73	0.72	0.73
MLPClassifier	67.532468	0.69	0.63	0.63
GradientBoostingClassifier	`79.220779`	0.81	0.77	0.77

Model Score with: random_state= 42 and training=80%

	Acc	precision	recall	f1-score
SVC	76.623377	0.75	0.72	0.73
RandomForestClassifier	74.675325	0.72	0.72	0.72
LogisticRegression	74.675325	0.73	0.73	0.73
DecisionTreeClassifier	74.675325	0.73	0.74	0.73
KNeighborsClassifier	66.233766	0.64	0.64	0.64
BaggingClassifier	70.12987	0.67	0.67	0.67
XGBClassifier	70.779221	0.69	0.70	0.69
MLPClassifier	66.233766	0.62	0.60	0.60
GradientBoostingClassifier	74.675325	0.73	0.73	0.73

Model Score with: random_state= 0 and training=80%

	Acc	precision	recall	f1-score
SVC	79.220779	0.77	0.71	0.73
RandomForestClassifier	`81.818182`	0.79	0.77	0.78
LogisticRegression	`82.467532`	0.80	0.77	0.78
DecisionTreeClassifier	77.922078	0.74	0.76	0.75
KNeighborsClassifier	75.324675	0.71	0.72	0.71
BaggingClassifier	78.571429	0.75	0.75	0.75
XGBClassifier	`79.87013`	0.76	0.78	0.77
MLPClassifier	70.12987	0.65	0.64	0.64
GradientBoostingClassifier	`81.818182`	0.79	0.79	0.79

Model Score with: random_state= 44 and training=75%

	Acc	precision	recall	f1-score
SVC	75.520833	0.81	0.70	0.71
RandomForestClassifier	77.083333	0.78	0.74	0.75
LogisticRegression	`80.729167`	0.84	0.77	0.78
DecisionTreeClassifier	70.833333	0.70	0.69	0.69
KNeighborsClassifier	73.958333	0.74	0.71	0.71
BaggingClassifier	77.083333	0.79	0.73	0.74
XGBClassifier	72.916667	0.72	0.71	0.71
MLPClassifier	70.3125	0.69	0.70	0.70
GradientBoostingClassifier	77.083333	0.78	0.74	0.75

Model Score with: random_state= 42 and training=75%

	Acc	precision	recall	f1-score
SVC	72.916667	0.71	0.68	0.68
RandomForestClassifier	74.479167	0.72	0.73	0.73
LogisticRegression	72.916667	0.71	0.71	0.71
DecisionTreeClassifier	69.270833	0.68	0.69	0.68
KNeighborsClassifier	65.625	0.63	0.63	0.63
BaggingClassifier	71.875	0.69	0.69	0.69

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XGBClassifier              73.958333    0.72   0.74      0.73
MLPClassifier                  68.75    0.67   0.60      0.59
GradientBoostingClassifier 73.958333    0.72   0.73      0.72
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 Model Score with: random_state= 0 and training=75%
                            Acc precision recall f1-score
SVC                        77.083333    0.75   0.69      0.71
RandomForestClassifier     77.083333    0.74   0.71      0.72
LogisticRegression         79.166667    0.77   0.74      0.75
DecisionTreeClassifier     76.041667    0.73   0.73      0.73
KNeighborsClassifier       75.520833    0.72   0.71      0.71
BaggingClassifier          77.604167    0.75   0.73      0.74
XGBClassifier              79.166667    0.76   0.76      0.76
MLPClassifier              74.479167    0.71   0.70      0.70
GradientBoostingClassifier     81.25    0.80   0.76      0.77
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 Model Score with: random_state= 44 and training=70%
                            Acc precision recall f1-score
SVC                        75.757576    0.80   0.70      0.71
RandomForestClassifier     77.056277    0.78   0.73      0.74
LogisticRegression         80.519481    0.84   0.76      0.78
DecisionTreeClassifier     73.160173    0.72   0.71      0.72
KNeighborsClassifier       75.757576    0.76   0.72      0.73
BaggingClassifier          75.324675    0.74   0.73      0.73
XGBClassifier              72.727273    0.71   0.70      0.70
MLPClassifier              69.264069    0.68   0.64      0.65
GradientBoostingClassifier 77.922078    0.78   0.75      0.76
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 Model Score with: random_state= 42 and training=70%
                            Acc precision recall f1-score
SVC                        73.593074    0.71   0.68      0.69
RandomForestClassifier     73.593074    0.71   0.71      0.71
LogisticRegression         74.025974    0.71   0.71      0.71
DecisionTreeClassifier     69.264069    0.67   0.68      0.67
KNeighborsClassifier       68.831169    0.66   0.66      0.66
BaggingClassifier          72.727273    0.70   0.70      0.70
XGBClassifier              72.727273    0.70   0.71      0.70
MLPClassifier              73.593074    0.71   0.70      0.70
GradientBoostingClassifier 74.891775    0.72   0.73      0.73
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 Model Score with: random_state= 0 and training=70%
                            Acc precision recall f1-score
SVC                        75.324675    0.73   0.67      0.68
RandomForestClassifier     76.190476    0.73   0.70      0.71
LogisticRegression         77.922078    0.76   0.71      0.73
DecisionTreeClassifier     75.324675    0.72   0.73      0.72
KNeighborsClassifier       74.891775    0.71   0.69      0.70
BaggingClassifier          77.489177    0.75   0.71      0.72
XGBClassifier              77.489177    0.74   0.74      0.74
MLPClassifier                69.69697   0.65   0.65      0.65
GradientBoostingClassifier 78.787879    0.76   0.74      0.75
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