Model	All Attributes	Removing Director	Removing Cast	Removing Cast and Director	Removing Audience Rating	Removing Tomatometer Rating
KNN	0.604554	0.506683	0.619595	0.620544	0.603859	0.602395
Naive Bayes	0.497722	0.506683	0.498226	0.523886	0.497474	0.492899
Random Forest	0.749257	0.743069	0.727392	0.718028	0.735742	0.758254
Logistic Regression	0.506683	0.505841	0.500866	0.549958	0.500349	0.490903
SVM	0.506683	0.509405	0.505363	0.586427	0.504290	0.498944

Evaluation Metric	All Attributes	Removing Director	Removing Cast	Removing Cast and Director	Removing Audience Rating	Removing Tomatometer Rating
Accuracy	0.673515	0.663993	0.638687	0.621648	0.664670	0.668659
Precision	0.559222	0.550346	0.5571278	0.5506741	0.555896	0.556901
Recall	0.552465	0.545995	0.5510523	0.5476197	0.523796	0.519786
Specificity	0.774229	0.757342	0.7698237	0.7455947	0.9121201	0.92954
F Score	0.501142	0.507441	0.5518945	0.549732	0.496138	0.489900

Model	Accuracy
KNN	0.604554
Naive Bayes	0.497722
Random Forest	0.749257
Logistic Regression	0.506683
SVM	0.506683

Factors of Influence	Accuracy
All Attributes	0.673515
Removing Director	0.663993
Removing Cast	0.638687
Removing Cast and Director	0.621648
Removing Audience Rating	0.664670
Removing Tomatometer Rating	0.668659