

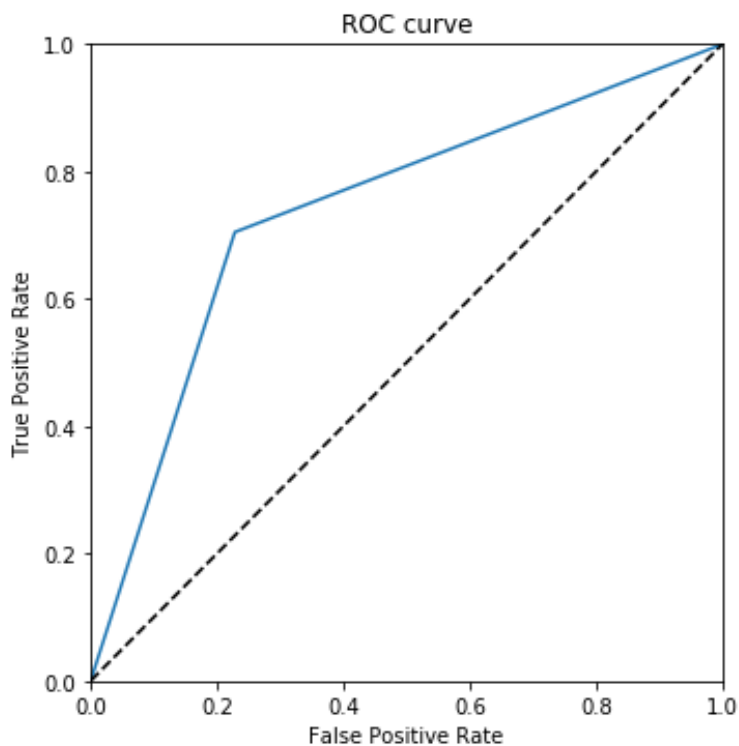
MODELS EVALUATION

Decision Tree

<i>Confusion Matrix</i>	Benign	Malignant
Benign	98	29
Malignant	36	86

<i>Target x Metrics</i>	Precision	Recall	F1 score
Benign	0.73	0.77	0.75
Malignant	0.75	0.70	0.73
Average	0.74	0.74	0.74

ROC Curve



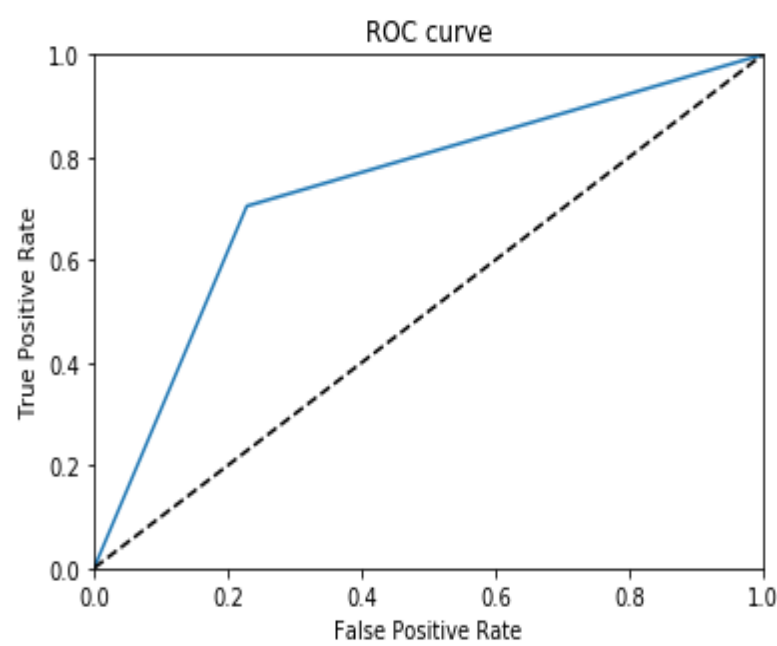
Area Under the Curve (AUC) = 0.73

Random Forest

<i>Confusion Matrix</i>	Benign	Malignant
Benign	95	32
Malignant	21	101

<i>Target x Metrics</i>	Precision	Recall	F1 score
Benign	0.82	0.75	0.78
Malignant	0.76	0.83	0.79
Average	0.79	0.79	0.79

ROC Curve



Area Under the Curve (AUC) = 0.73