

Company Under Study: Hewlett-Packard(hpq)				
Model Used	Case	Accuracy	f1_score	auc_score
RandomForestClassifier	I	0.79	0.8	0.79
	II	0.8	0.81	0.79
	III	0.81	0.82	0.81
SVM	I	0.7	0.72	0.7
	II	0.71	0.72	0.71
	III	0.72	0.74	0.72
LogisticRegression	I	0.53	0.56	0.53
	II	0.54	0.56	0.54
	III	0.53	0.56	0.53
ExtraTreesClassifier	I	0.83	0.84	0.83
	II	0.84	0.85	0.84
	III	0.84	0.85	0.84
BaggingClassifier	I	0.74	0.73	0.74
	II	0.75	0.75	0.75
	III	0.72	0.73	0.72
DecisionTreeClassifier	I	0.7	0.71	0.7
	II	0.66	0.66	0.67
	III	0.73	0.74	0.73
AdaBoostClassifier	I	0.66	0.68	0.65
	II	0.65	0.68	0.65
	III	0.65	0.67	0.65
Basic_LSTM(lookback = 2)	I	0.49	0.28	0.5
	II	0.48	0.46	0.48
	III	0.49	0.46	0.49
Basic_LSTM(lookback = 3)	I	0.47	0.36	0.48
	II	0.47	0.44	0.47
	III	0.49	0.52	0.49
Basic_LSTM(lookback = 5)	I	0.52	0.57	0.51
	II	0.48	0.45	0.48
	III	0.48	0.49	0.48
LSTM(lookback = 2)	I	0.54	0.56	0.54
	II	0.5	0.5	0.5
	III	0.53	0.52	0.53
LSTM(lookback = 3)	I	0.52	0.37	0.53
	II	0.54	0.57	0.54
	III	0.51	0.34	0.52
LSTM(lookback = 5)	I	0.55	0.52	0.55
	II	0.48	0.47	0.48
	III	0.5	0.36	0.5