

Original Data Set:

	p0	p1	p2	p3	p4	p5	p6	p7	p8	win
0	o	x	o	x	o	b	x	x	o	no-win
1	x	o	x	o	b	x	o	b	x	win
2	x	x	b	o	o	o	b	x	b	no-win
3	b	o	o	x	o	b	x	x	x	win
4	o	o	x	b	b	x	o	x	x	win
...
244	o	x	x	o	o	x	x	b	o	no-win
245	x	b	o	o	x	b	o	x	x	win
246	x	x	x	o	o	b	o	b	x	win
247	o	b	b	x	o	b	x	x	o	no-win
248	x	x	b	o	o	o	b	b	x	no-win

[249 rows x 10 columns]

----- Bagging with RandForrest -----
Tree depth: 9
Samples per tree: 50
Num of trees: 10
Test accuracy: 58.58586

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Tree depth: 9
Samples per tree: 50
Num of trees: 50
Test accuracy: 58.58586

----- Bagging with RandForrest -----
Tree depth: 9
Samples per tree: 50
Num of trees: 100
Test accuracy: 54.54545