

1. Preprocessed the 'sex' and 'smoke' column in the integer.

Random Forest

	n_estimators	Criterion	R - Score
Random Forest	50		0.825
	100	Squared_error	0.83322
	100	Absolute_error	0.826579
		Friedman_mse	0.8332
		Poisson	0.8360

Decision Tree

	Criterion	Splitter	R - Score
Decision Tree	Absolute_error	Best	0.6864
	Absolute_error	Random	0.6721
	Friedman_mse	Best	0.6831
	Friedman_mse	Random	0.6611
	squared_error	Best	0.6898
	squared_error	Random	0.6724
	Poisson	Best	
	poisson	Random	

Simple Linear Regression

	Size	Radom state	R – Score
Linear Regression	70:30	0	0.7587
	80:20	0	0.7514