Node		Decision Tree		
# Decison nodes		root: object (initialized as None)		
feature index		min_samples_split: int (initialize min_samples_split = 2)		
threshold		max_depth: int (initialize max_depth = 2)		
left (children) nodes	is used in building a tree	build_tree (dataset, current_depth) get_best_split (dataset, num_samples, num_features) split (dataset, feature_index, threshold)		
right (children) nodes				
variance reduction				
# Leaf nodes		calculate leaf value (y train)		
predicting value		variance reduction (parent, left child, right child)		
		fit (X_train, Y_train)		
		make_prediction (x_test, tree)		
		predict (X_test)		













