dataset processing : parameters

parameter	function
r	duration of each epochs

Logistic regression algorithm : parameters

function	parameter Explain
1- GridSearchCV(pipe,param_grid,cv,n_job)	**- pipe** :List of (name, transform) tuples (implementing fit/transform) that are chained in sequential orde, it have two paramter :- scaler to scale the features and the type of classifer which is the logistic resgressor **- param_grid :** Dictionary with parameters names it have C parameter which Inverse of regularization strength **-cv** :Determines the cross-validation splitting strategy **-n_jobs** :Number of jobs to run in parallel
2- fit(X,y,groups)	X : Training vector (number of sample and number of features) Y : Target value to predict groups: Group labels for the samples used while splitting the dataset into train/test set

Voting regression algorithm : parameters

paramters	Explain
1- **random_state**	Controls the random seed given to

	each Tree estimator at each boosting iteration , It also controls the random splitting of the training data to obtain a validation set
2- VotingRegressor(estimators = [('gb', r1), ('rf', r2), ('lr', r3)]	estimators : list of (str, estimator) tuples here we use :- -gb:gradient boosting regressor -rf : random forest regressor -lr : linear regressor
3- fit(X,y)	X : Training vector (number of sample and number of features) Y : Target value to predict