

Summary of Random Forest

- It is a supervised machine learning algorithm
- Random forest is an ensemble method which is an approach that combines many simple “building ensemble block” models in order to obtain a single and potentially very powerful model. Random forest works by fitting decision tree classifiers on subsamples of predictors. This reduces correlation of the predictors, reduces variability, minimises overfitting and ultimately improves accuracy of the model
- Random Forest can be used for both classification and regression tasks
- It has been used to predict whether a patient is diabetic or not