The R package xgboost has won the 2016 John M. Chambers Statistical Software Award. From the very beginning of the work, we aimed to make a package that has a seamless integration with R and is easy to use. This is why we have incorporated a wide range of learning algorithms, which can be switched out easily, too. As a beginner, I’ve found it really helpful.

```

NEW R package - the XGBoost Explainer

This package is its R interface. The package includes efficient linear model solver and tree learning algorithms. The computation on a single machine which could be more than 10 times faster than existing gradient boosting packages.

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xgboost R Package — xgboost 1.3.0-SNAPSHOT documentation

The xgboost model expects the predictors to be of numeric type, so we convert the factors to dummy variables by the help of the dummy package. suppressPackageStartupMessages(library(Matrix)) train_data<-sparse.model.matrix(Survived ~. -1, data=train2)

```

```

Xgboost using MLR package (R) | Kaggle

Note: In R, xgboost package uses a matrix of input data instead of a data frame. Understanding XGBoost Tuning Parameters. There is a wide range of parameters which play in the model’s performance. Before hypertuning, let’s first understand about these parameters and their importance.

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Criss crossing with Python & R languages

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Package 'xgboost' - R

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Using XGBoost with Tidymodels | R-bloggers

XGBoost is widely used for kaggle competitions. The reason to choose XGBoost includes Easy to use Efficiency Accuracy 

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Xgboost using MLR package (R) | Kaggle

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Beginners Tutorial on XGBoost and Parameter Tuning in R

This dataset is very small to not make the R package too heavy, however XGBoost is built to manage huge datasets very efficiently. The data are stored in a dgCMatrix which is a sparse matrix and the label vector is a numeric vector ({0,1}): class (train $ data)[1]## [1] "dgCMatrix"

```

```

CRAN - Package xgboost

There are interfaces of XGBoost in C++, R, Python, Julia, Java, and Scala. The core functions in XGBoost are implemented in C++ and XGBoost has native interfaces. Based on the statistics from the CRAN mirror, the package has been downloaded for more than 81,000 times.

```

```

An Introduction to XGBoost R package - GitHub Pages

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R Xgboost :: Anaconda Cloud

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Package Xgboost R

XGBoost in R Programming - GeeksforGeeks

XGBoost is a machine learning library originally written in C++ and ported to R in the xgboost R package. Over the last few years, XGBoost has been widely used in high-performance competitions such as in the recent Netflix Prize. It has won the 2016 John M. Chambers Statistical Software Award.

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XGBoost - Saed Sayad

XGBoost R Tutorial — xgboost 1.3.0-SNAPSHOT documentation

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