**Top 20 R ML Packages**

1. [**e1071**](http://cran.r-project.org/web/packages/e1071/)Functions for latent class analysis, short time Fourier transform, fuzzy clustering, support vector machines, shortest path computation, bagged clustering, naive Bayes classifier etc *(142479 downloads)*
2. [**rpart**](http://cran.r-project.org/web/packages/rpart/) Recursive Partitioning and Regression Trees. (135390)
3. [**igraph**](http://cran.r-project.org/web/packages/igraph/) A collection of network analysis tools. (122930)
4. [**nnet**](http://cran.r-project.org/web/packages/nnet/) Feed-forward Neural Networks and Multinomial Log-Linear Models. (108298)
5. [**randomForest**](http://cran.r-project.org/web/packages/randomForest/) Breiman and Cutler's random forests for classification and regression. (105375)
6. [**caret**](http://cran.r-project.org/web/packages/caret/) package (short for Classification And REgression Training) is a set of functions that attempt to streamline the process for creating predictive models. (87151)
7. [**kernlab**](http://cran.r-project.org/web/packages/kernlab/) Kernel-based Machine Learning Lab. (62064)
8. [**glmnet**](http://cran.r-project.org/web/packages/glmnet/) Lasso and elastic-net regularized generalized linear models. (56948)
9. [**ROCR**](http://cran.r-project.org/web/packages/ROCR/) Visualizing the performance of scoring classifiers. (51323)
10. [**gbm**](http://cran.r-project.org/web/packages/gbm/) Generalized Boosted Regression Models. (44760)
11. [**party**](http://cran.r-project.org/web/packages/party/) A Laboratory for Recursive Partitioning. (43290)
12. [**arules**](http://cran.r-project.org/web/packages/arules/) Mining Association Rules and Frequent Itemsets. (39654)
13. [**tree**](http://cran.r-project.org/web/packages/tree/) Classification and regression trees. (27882)
14. [**klaR**](http://cran.r-project.org/web/packages/klaR/) Classification and visualization. (27828)
15. [**RWeka**](http://cran.r-project.org/web/packages/RWeka/) R/Weka interface. (26973)
16. [**ipred**](http://cran.r-project.org/web/packages/ipred/) Improved Predictors. (22358)
17. [**lars**](http://cran.r-project.org/web/packages/lars/) Least Angle Regression, Lasso and Forward Stagewise. (19691)
18. [**earth**](http://cran.r-project.org/web/packages/earth/) Multivariate Adaptive Regression Spline Models. (15901)
19. [**CORElearn**](http://cran.r-project.org/web/packages/CORElearn/) Classification, regression, feature evaluation and ordinal evaluation. (13856)
20. [**mboost**](http://cran.r-project.org/web/packages/mboost/) Model-Based Boosting. (13078)