The Rattle Package: Quick Start Guide

Graham Williams Graham.Williams@togaware.com

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1 Introduction

Rattle (Williams, 2009) is a package written in R providing a graphical user interface to very many other R packages that provide functionality for data mining.

This quick start guide is under development. See http://rattle.togaware.com for extensive documentation

2 Requirements

Rattle depends on over 40 other R packages and a couple of other software applications/libraries that are independent of R. The first thing to ensure is that you have installed the GTK+ libraries and the GGobi application. This is operating system independent. Details are available for each of the major operating systems:

- GNU/Linux: http://datamining.togaware.com/survivor/Install_GNU_Linux.html
- MS/Windows: http://datamining.togaware.com/survivor/Install_MS_Windows.html
- Mac OS/X: http://datamining.togaware.com/survivor/Install_Macintosh.html

Only a couple of R packages are dependencies for Rattle. Most are suggestions, but without them functionality is quite limited. At a minimum, be sure to have the RGtk2 package installed. Others that you might like to install include: ada , arules , doBy , ellipse , fBasics , fpc , gplots , Hmisc , kernlab , mice , network , party , playwith , pmml , randomForest , reshape , rggobi , RGtk2 , ROCR , RODBC , and rpart .

The packages can usually be installed with:

> install.packages(rattle, dependencies = c("Depends", "Suggests"))

3 First Steps

Start up rattle:

- > library(rattle)
- > rattle()

4 References