Deploying Data Mining in Government – Experiences With R/Rattle

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Whilst R and its many packages provide an incredibly broad and comprehensive environment for data mining in practise, there are many challenges in bringing its power to the common data mining practitioner. It is a sad fact that many analysts today only feel comfortable with the usually limiting graphical user interfaces. Yet, we can unleash the full power of analytics only through languages like R. In this presentation I will reflect on how we are bringing the power of R to a large community of data analysts and new data miners through the development of the award winning open source Rattle package for R. I will present some case examples of using R from the Australian Taxation Office and discuss how we tackled various problems in using data mining tools in practise.