

# Evolving R for Use in Commercial Environments

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Use of R has grown dramatically over the past decade for statistical analysis in academia and research, but has yet to make significant inroads in the commercial world – at least compared to incumbent, proprietary tools. Over the past year, I've been documenting (at the *Revolutions* blog) examples where R is used for commercial applications, usually by technologically-advanced companies benefiting from R's flexibility and access to the latest statistical tools from CRAN. But what does the more mainstream commercial user need from their R environment to make it a compelling alternative to the proprietary tools?

As a company that sells extensions to the R environment to businesses, REvolution Computing has performed extensive research into the requirements of data analysts, statisticians and predictive modelers in commercial environments. Some of these requirements have been addressed in features of REvolution R Enterprise released to date, but there's much more to come. In this talk, I'll share some results of our research and describe how we intend to further evolve our extensions to R – particularly in the areas of scalability and usability – to make REvolution R Enterprise a mainstream alternative to the likes of SAS and SPSS.

## References

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