

# **baggyGenes**

## **Push-Button Solutions for Automated Reporting, Advanced Analytics, and Collaboration in the Cloud**

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Configuring an ideal development environment can consume more time and resources than many might prefer. From server infrastructure, operating system and database configuration, software installation to the meat and potatoes of coding an advanced analytics script, many possible points of failure can quickly bring development to a screeching halt. baggyGenes [1] serves to mitigate many of these risks by providing a cloud platform for data mining and machine learning development in R.

In the spirit of other statistics programs like SPSS, SAS, and Minitab, users have a deeply simplified graphical user interface through the web to make statistics more intuitive. Packaged with over thirty statistical techniques ranging from elementary to advanced, users can easily apply preconfigured R scripts to source data or upload their own.

Beyond just the application of these prepackaged techniques, however, baggyGenes also provides a web dashboard feature to easily manage data sources, servers, R scripts, and output results across teams and organizations. Collaboration tools for resulting output also gives teams a new level of transparency and an iterative approach to development typically seen in traditional software engineering.

Whether it's a simple recurring dashboard or in-depth advanced analysis, baggyGenes gives users as little or as much as they need to discover patterns in data for a wide array of applications ranging from financial engineering to bioinformatics. Intuitive out-of-the-box functionality is perfect for exploratory analysis and the potential for robust customized user scripts taps the raw power of R in a streamlined system.

### **References**

[1] Start Industries (2014). baggyGenes, <http://baggygenes.com/>.