

R Basics and Examples - A short introduction

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The R Project for Statistical Computing

The R project <http://www.r-project.org> develops a free software environment for statistical computing and graphics. R compiles and runs on a wide variety of UNIX platforms, Windows and MacOS, is mostly used for statistics but can also be used as a programming (script) language alone.

R is organized as a core distribution of base packages which can be extended by further packages loaded into the a user workspace (or interpreter global environment).

Some useful links are

- ▶ Tutorials on using R can be found at <http://www.r-tutor.com/>
- ▶ Meta search and package documentation
<https://www.rdocumentation.org/>
- ▶ R CRAN repository for contributed packages:
<https://cran.r-project.org/>
- ▶ A short reference card <https://cran.r-project.org/doc/contrib/Short-refcard.pdf>

R Basics