

Introduction to R

Background (Wikipedia)

“R is an open source programming language and software environment for statistical computing and graphics that is supported by the R Foundation for Statistical Computing.

The R language is widely used among statisticians and data miners for developing statistical software and data analysis.”

R is

- ▶ a programming language

R is

- ▶ a programming language
- ▶ a statistical package

R is

- ▶ a programming language
- ▶ a statistical package
- ▶ open source

R is not

- ▶ a database

R is not

- ▶ a database
- ▶ a spreadsheet

R is not

- ▶ a database
- ▶ a spreadsheet
- ▶ commercially supported

Advantages of R

- ▶ It's free

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- ▶ It's powerful

Advantages of R

- ▶ It's free
- ▶ It's powerful
- ▶ It's popular

R Usage

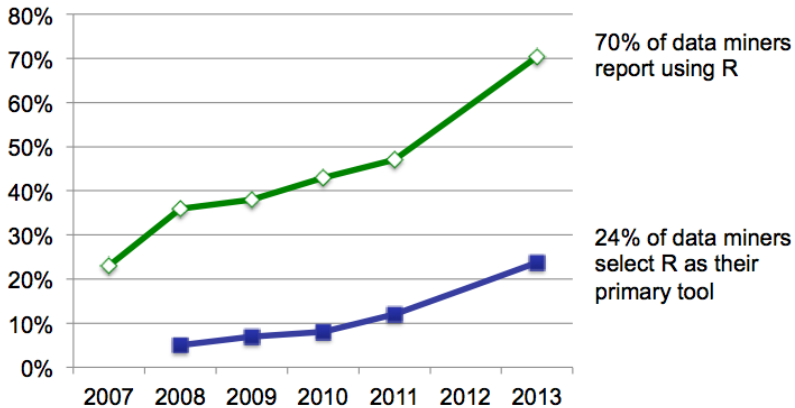
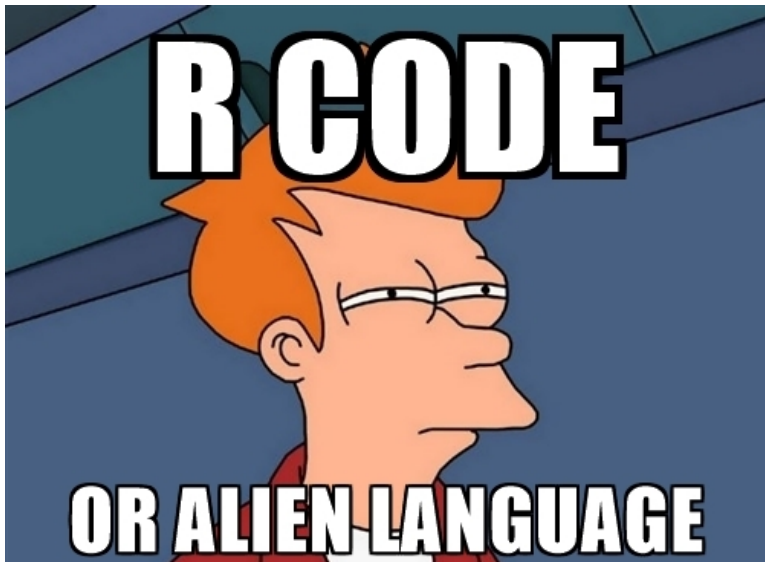


Figure 1: Source: Revolution Analytics

Disadvantages of R

It can be frustrating.



Questions?