

HISTORY OF R

1970

Development of the S programming language at Bell Laboratories by John Chambers, Rick Becker and Allan Wilks.

1976

first release of the S programming language

1991

Release of the book "Statistical Models in S" by John Chambers and Trevor Hastie.

Early 1990's

Ross Ihaka and Robert Gentleman. start working on the R programming language at the university of Auckland, New Zealand.

1993

First internal release of R within the university of Auckland.

1997

The R Development Core Team is formed to coordinate the development of R.

2000

R version 1.0.0 is released, marking it as a stable software suitable for wide usage.

- R uses a client-server model, with the client typically being the R console or an IDE and the server being the R interpreter.
- R Interpreter is written in C (compiler) and provides core functionality for data manipulations, statistical analysis and graphics.
- R uses a garbage-collected memory management system to automatically free memory that is no longer needed by the program.

R studio
interface;

R
interpreter

GUI OF R studio

R script	R environment
R console	Graphical output

- The console Panel is used for interactive exploration and experimentation.
- The Editor Pane is used for writing and organise code for more complex or repetitive tasks.