

R – Packages

Abhishek Kumar
ItsAbhishekKumar.com
@MeAbhishekKumar



pluralsight
hardcore dev and IT training



Outline

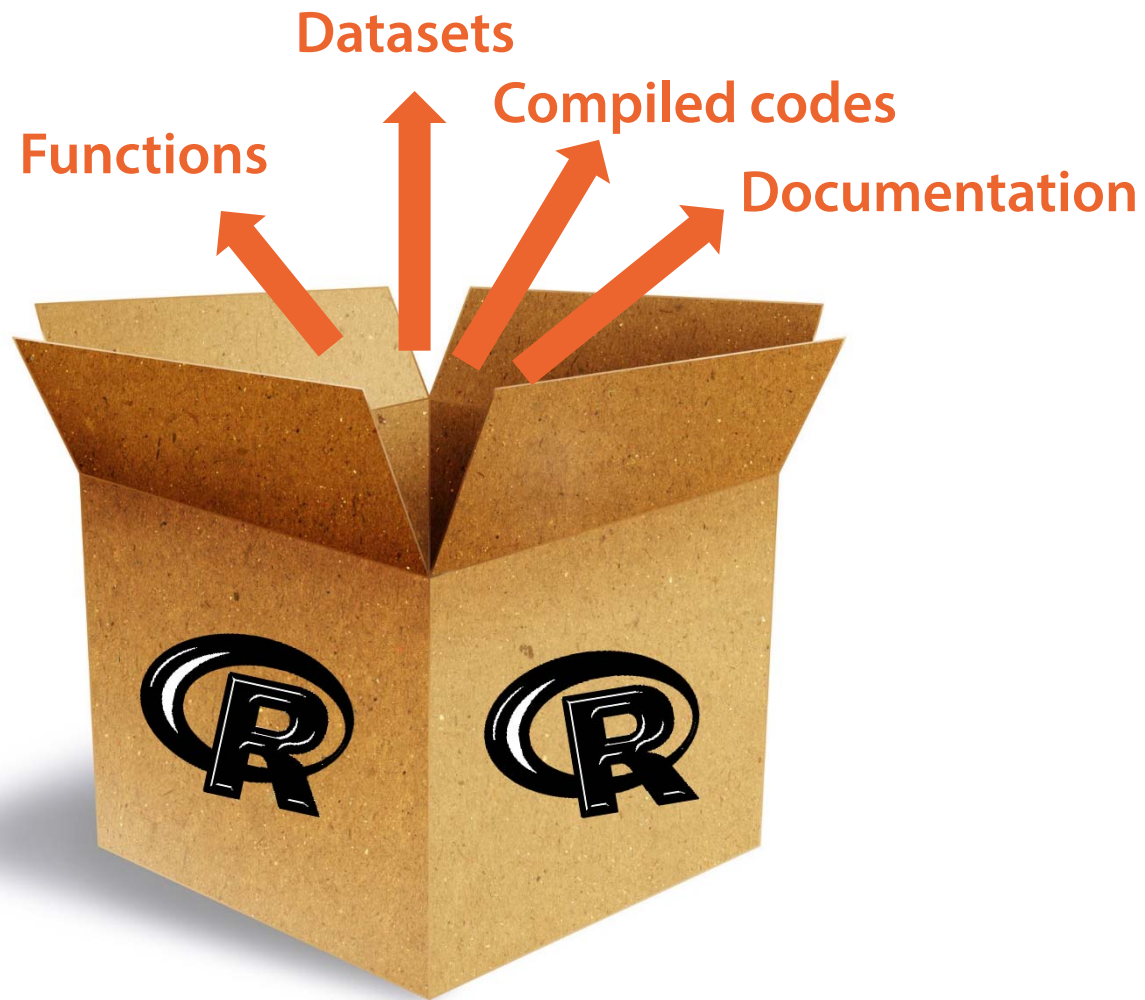
About
packages

Load
packages

Install
packages

Manage
packages

About R Package



About R Package



R-Package



Installed on local machine



Directory

Library

Load R Package

- **Loading a package**
 - Loading in memory
 - Make it ready to use
- **Why explicit package loading is required?**
 - To avoid delay in starting R session
 - To avoid unnecessary memory consumption

Install R Package



Repositories

CRAN
(Comprehensive R Archive
Network)

Above 5500 packages

Install R Package

- CRAN mirrors



<http://cran.r-project.org/mirrors.html>

Install R Package



Repositories

CRAN

BioConductor

Omegahat

R-Forge

rforge.net

github

Manage Package



Update Package



Remove Package

Summary

About
packages

Load
packages

Install
packages

Manage
packages

Repositories
CRAN
Library

library()

install.packages() **update.packages()**
install_github() **remove.packages()**

Summary



Getting help
(Module **2**)



Core R programming
(Module **3-8**)



Working with data
(Module **9-10**)