汇总2-R技术资源

R语言工具

Rstudio Cloud(R的远程IDE):https://rstudio.cloud/projects

R Interface to Keras:https://keras.rstudio.com/

DiagrammeR:https://rich-iannone.github.io/DiagrammeR/

R bloggers(中文):https://www.xiangyunhuang.com.cn/

Togaware (Rattle & Latex & Linux):https://togaware.com/

R语言电子书

r语言教程（李东风）

- http://www.math.pku.edu.cn/teachers/lidf/docs/Rbook/html/_Rbook/index.html

Forecasting: Principles and Practice，

- 英文版：https://otexts.com/fpp2/
- 中文版：https://otexts.com/fppcn/

Advanced R, Hadley Wickham

- companion website:http://adv-r.had.co.nz/
- https://adv-r.hadley.nz/

R for Data Science, Hadley Wickham

- https://r4ds.had.co.nz/

Technical Foundations of Informatics

- https://info201.github.io/

Programming in R

- http://zoonek2.free.fr/UNIX/48_R/02.html#5

R Graphics Cookbook

- http://www.cookbook-r.com/

Bookdown Platform（R相关的电子书平台）

- 主页:https://bookdown.org/
- Geocomputation with R
- Data Science at the Command Line
- R Programming for Data Science

- Text Mining with R:https://www.tidytextmining.com/

Image Processing with gluas--introduction to pixel molding

- http://pippin.gimp.org/image_processing/index.html

Statistical Inference via data science(An introduction to Statistical and Data Science via R)

- https://moderndive.com/index.html

综合性论坛

资源网站

DataCamp(在线学习平台，开放项目可用)：https://www.datacamp.com/

R documentation(搜索R包和说明)：https://www.rdocumentation.org/

统计之都：https://cosx.org/

Codecademy（在线学习）：https://www.codecademy.com/

Data Analysis Examples-UCLA:https://stats.idre.ucla.edu/other/dae/

FlowingData:https://flowingdata.com/

Shifting Incomes for American Jobs:https://flowingdata.com/2016/06/28/distributions-of-annual-income/

Rstudio Terminal:https://support.rstudio.com/hc/en-us/articles/115010737148-Using-the-RStudio-Terminal?version=1.2.1335&mode=desktop

KDnuggets:https://www.kdnuggets.com/

R中的运筹求解器

R与优化模型1:https://blog.csdn.net/kMD8d5R/article/details/81844125

rglpk（线性规划、整数规划）

RDocumentation说明:https://www.rdocumentation.org/packages/Rglpk/versions/0.6-3/topics/Rglpk_solve_LP

lpSovle

Rdonlp2（非线性规划、多目标规划）：https://grokbase.com/t/r/r-help/072cta0t5b/r-rdonlp2-an-extension-library-for-constrained-optimization

goalprog（多目标规划）

Rsymphony（混合整数规

划）：https://blog.csdn.net/qq_27755195/article/details/53895213

Package探讨

R中常见函数参考：https://www.cnblogs.com/blueicely/archive/2012/12/13/2816957.html

REmap:http://langdawei.com/REmap/

- REmap手册：http://langdawei.com/2015/07/23/REmapGuide.html

Quich-R:Scatterplot用法：https://www.statmethods.net/graphs/scatterplot.html

multi graph on one page(ggplot2):http://www.cookbook-r.com/Graphs/Multiple_graphs_on_one_page_(ggplot2)/

ggplot2多图合并方法：https://blog.csdn.net/xwydq/article/details/45062779

The evolution of a ggplot:https://www.kdnuggets.com/2019/07/evolution-ggplot.html

R制作词云：https://zhuanlan.zhihu.com/p/21807362

formula和Formula：https://site.douban.com/182577/widget/notes/10567181/note/318916395/

入门基础知识：https://blog.csdn.net/jack237/article/details/8210598

R内存管理：https://www.cnblogs.com/cloudtj/articles/5478281.html

数据人网：http://www.shujuren.org/

- tidyr预处理：http://www.shujuren.org/article/39.html

Teach the Tidyverse to beginners:http://varianceexplained.org/r/teach-tidyverse/

Revolutions:https://blog.revolutionanalytics.com/

- Tidyverse相关：https://blog.revolutionanalytics.com/2016/09/tidyverse.html

数据分组处理：https://blog.csdn.net/clebeg/article/details/23515951

数据操作与清洗专题：https://blog.csdn.net/sinat_26917383/column/info/13587

rlist非结构化数据处理：https://blog.csdn.net/sinat_26917383/article/details/51123164

plyr泛函工具探讨：http://blog.sina.com.cn/s/blog_13eaccf160102xd9k.html

apply函数组探讨：https://blog.csdn.net/sinat_26917383/article/details/51086663

Leaflet for R系列：https://blog.csdn.net/allenlu2008/article/details/52865163

Leaflet for R:https://rstudio.github.io/leaflet/

dplyr:https://dplyr.tidyverse.org/

百度的RCharts工具包:https://ramnathv.github.io/rCharts/

- RCharts介绍：https://madlogos.github.io/recharts/index_cn.html#-en
- ECharts与R的地区地图可视化：https://blog.csdn.net/sinat_26917383/article/details/51540353
- ECharts doc:https://echarts.baidu.com/echarts2/doc/doc.html

rbokeh工具包：https://datascienceplus.com/interactive-plotting-with-rbokeh/

R制作中国分省市地图：https://cosx.org/2009/07/drawing-china-map-using-r

- https://yihui.name/cn/2007/09/china-map-at-province-level/

用R画中国地图：https://blog.csdn.net/u011454283/article/details/51719040

R绘制中国航线分布夜景图：https://cosx.org/2014/09/visualizing-flights-data

Create Maps in R using Base Plotting, Lattice, ggplot2, GoogleVis and rChart：https://rstudio-pubs-static.s3.amazonaws.com/79029_b56eaffe36ef44f29b8efc0a07d67208.html

MXNet在R中应用：https://blog.csdn.net/xxzhangx/article/details/54729055

tsibble介绍:https://cran.r-project.org/web/packages/tsibble/vignettes/intro-tsibble.html

用R分析时间序列：https://www.cnblogs.com/sylvanas2012/p/4328861.html

泊松回归（R）：http://iccm.cc/poisson-regression-in-r/

在windows中运行linux终端：https://www.jianshu.com/p/c16c7095e4b2

R语言运行Gurobi：https://blog.csdn.net/qq_27755195/article/details/54018074

Rglpk案例：https://blog.csdn.net/kMD8d5R/article/details/81844125

R技术博客

Rob J Hyndman:https://robjhyndman.com/

谢益辉博客：https://yihui.name/en/

https://www.r-statistics.com/

- https://danganothererror.wordpress.com/

新手资源汇总：http://www.programmingr.com/

《数据可视化之美》配套数据和代码：https://github.com/EasyChart/Beautiful-Visualization-with-R

jpld数据挖掘：https://www.cnblogs.com/jpld/

- 参数估计的R实现：https://www.cnblogs.com/jpld/archive/2015/05/22/4523326.html

Getting started in Data Analysis:https://libguides.princeton.edu/c.php?g=84085&p=543671

- about R:https://libguides.princeton.edu/c.php?g=84085&p=543921

Earo Wang:https://earo.me/