

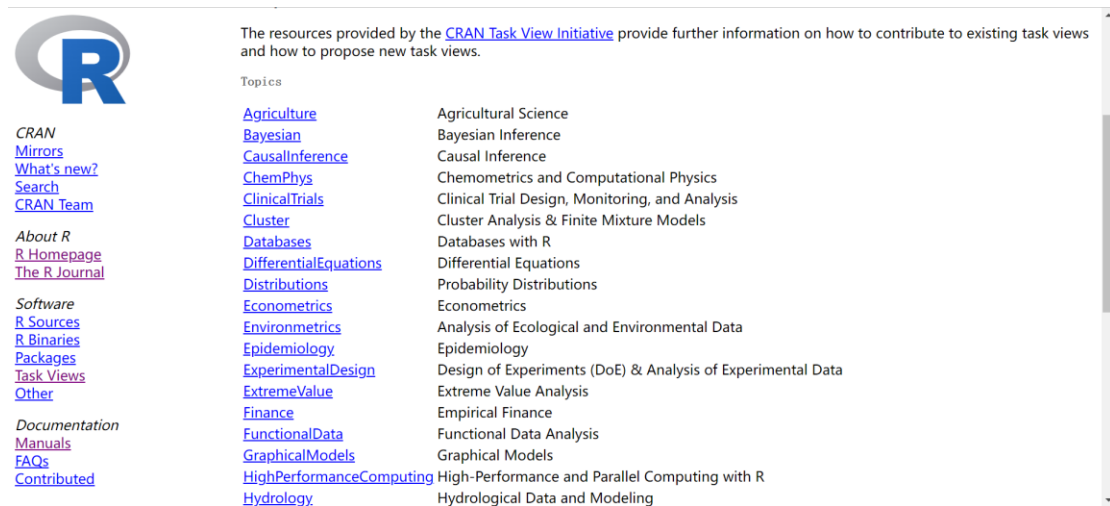
# R 收藏夹资源

以下网址，应该是值得大家放进收藏夹的：

## 1、R 官网：注意其中的 Task Views 和 R Journal

<https://cloud.r-project.org/>

其中的 Task Views



The resources provided by the [CRAN Task View Initiative](#) provide further information on how to contribute to existing task views and how to propose new task views.

Topics

<a href="#">Agriculture</a>	Agricultural Science
<a href="#">Bayesian</a>	Bayesian Inference
<a href="#">CausalInference</a>	Causal Inference
<a href="#">ChemPhys</a>	Chemometrics and Computational Physics
<a href="#">ClinicalTrials</a>	Clinical Trial Design, Monitoring, and Analysis
<a href="#">Cluster</a>	Cluster Analysis & Finite Mixture Models
<a href="#">Databases</a>	Databases with R
<a href="#">DifferentialEquations</a>	Differential Equations
<a href="#">Distributions</a>	Probability Distributions
<a href="#">Econometrics</a>	Econometrics
<a href="#">Environmetrics</a>	Analysis of Ecological and Environmental Data
<a href="#">Epidemiology</a>	Epidemiology
<a href="#">ExperimentalDesign</a>	Design of Experiments (DoE) & Analysis of Experimental Data
<a href="#">ExtremeValue</a>	Extreme Value Analysis
<a href="#">Finance</a>	Empirical Finance
<a href="#">FunctionalData</a>	Functional Data Analysis
<a href="#">GraphicalModels</a>	Graphical Models
<a href="#">HighPerformanceComputing</a>	High-Performance and Parallel Computing with R
<a href="#">Hydrology</a>	Hydrological Data and Modeling

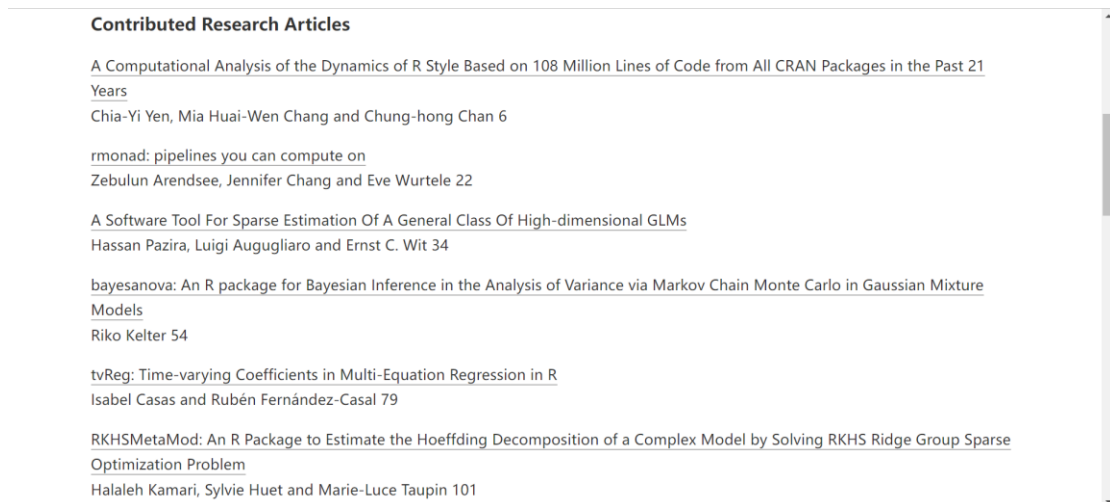
**CRAN**  
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[What's new?](#)  
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**About R**  
[R Homepage](#)  
[The R Journal](#)

**Software**  
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[R Binaries](#)  
[Packages](#)  
[Task Views](#)  
[Other](#)

**Documentation**  
[Manuals](#)  
[FAQs](#)  
[Contributed](#)

其中的 R Journal



**Contributed Research Articles**

[A Computational Analysis of the Dynamics of R Style Based on 108 Million Lines of Code from All CRAN Packages in the Past 21 Years](#)  
Chia-Yi Yen, Mia Huai-Wen Chang and Chung-hong Chan 6

[rmonad: pipelines you can compute on](#)  
Zebulun Arendsee, Jennifer Chang and Eve Wurtele 22

[A Software Tool For Sparse Estimation Of A General Class Of High-dimensional GLMs](#)  
Hassan Pazira, Luigi Augugliaro and Ernst C. Wit 34

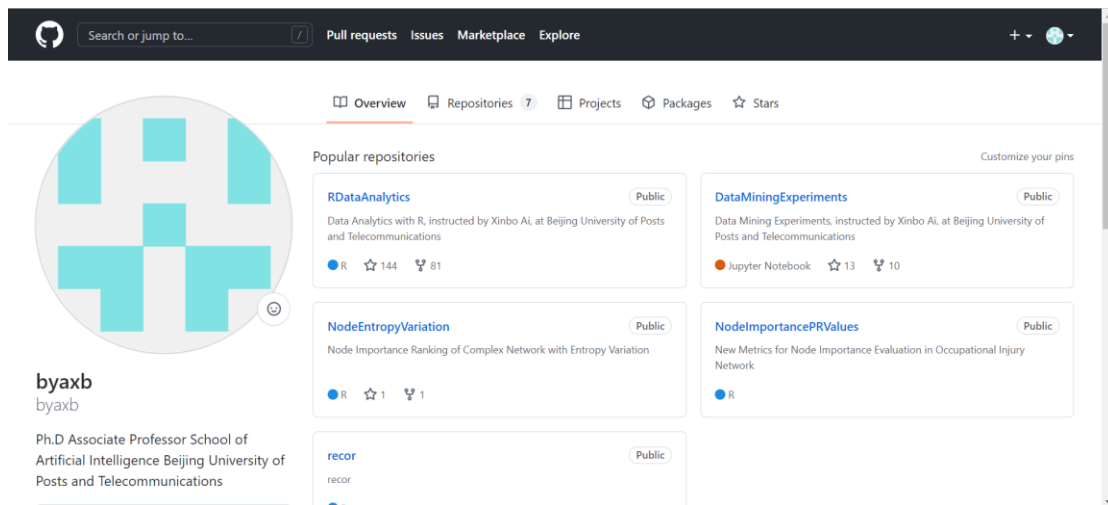
[bayesanova: An R package for Bayesian Inference in the Analysis of Variance via Markov Chain Monte Carlo in Gaussian Mixture Models](#)  
Riko Kelter 54

[tvReg: Time-varying Coefficients in Multi-Equation Regression in R](#)  
Isabel Casas and Rubén Fernández-Casal 79

[RKHSMetaMod: An R Package to Estimate the Hoeffding Decomposition of a Complex Model by Solving RKHS Ridge Group Sparse Optimization Problem](#)  
Halaleh Kamari, Sylvie Huet and Marie-Luce Taupin 101

## 2、Github，托管了各种扩展包，也有很多学习资源

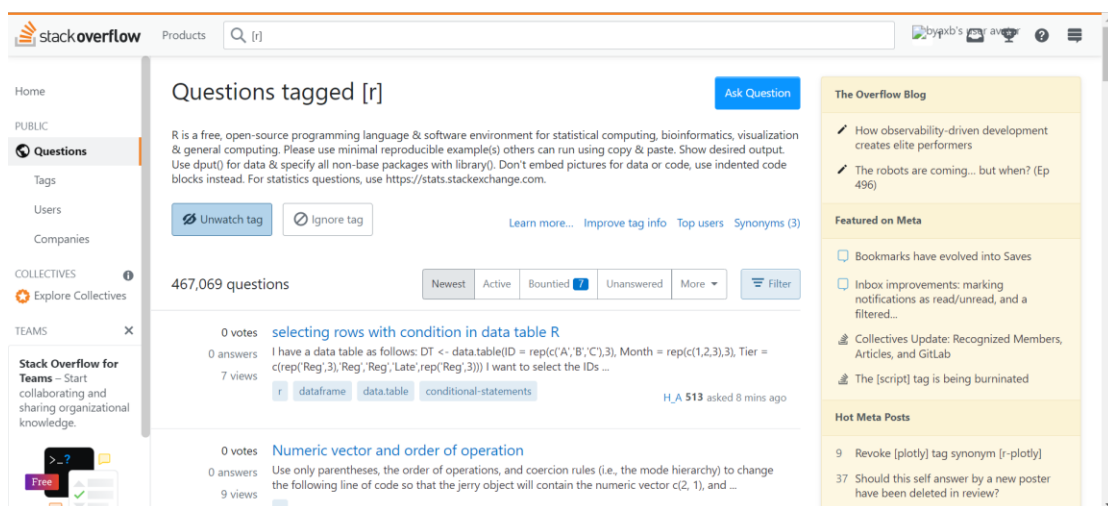
<https://github.com/>



当然，上边这个只是咱们《R 语言数据分析》课程的资源。Github 是一个巨大的资源宝库。

## 3、R 语言问答

<https://stackoverflow.com/questions/tagged/r>



46w 个问题！

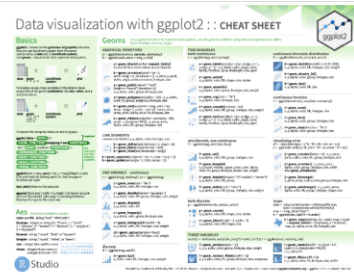
## 4、R 速查表

<https://www.rstudio.com/resources/cheatsheets/>

### Data visualization with ggplot2 cheatsheet

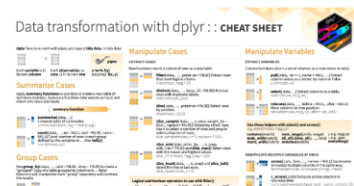
The **ggplot2** package lets you make beautiful and customizable plots of your data. It implements the grammar of graphics, an easy to use system for building plots. Updated August 2021.

DOWNLOAD



### Data transformation with dplyr cheatsheet

The **dplyr** package provides a grammar for manipulating tables in R. This cheatsheet will guide you through the grammar, reminding you how to select, filter, arrange, mutate, summarize, group, and join data frames and tibbles.



## 5、tidyverse, 新一代 R 编程

<https://www.tidyverse.org/>

# Tidyverse

Packages Blog Learn Help Contribute

A cluster of eight hexagonal icons arranged in a honeycomb pattern. Each icon represents a different R package from the tidyverse: dplyr (tools), ggplot2 (network), forcats (cats), readr (document), stringr (violin), tidyr (tools), purrr (tools), and tibble (table).

## R packages for data science

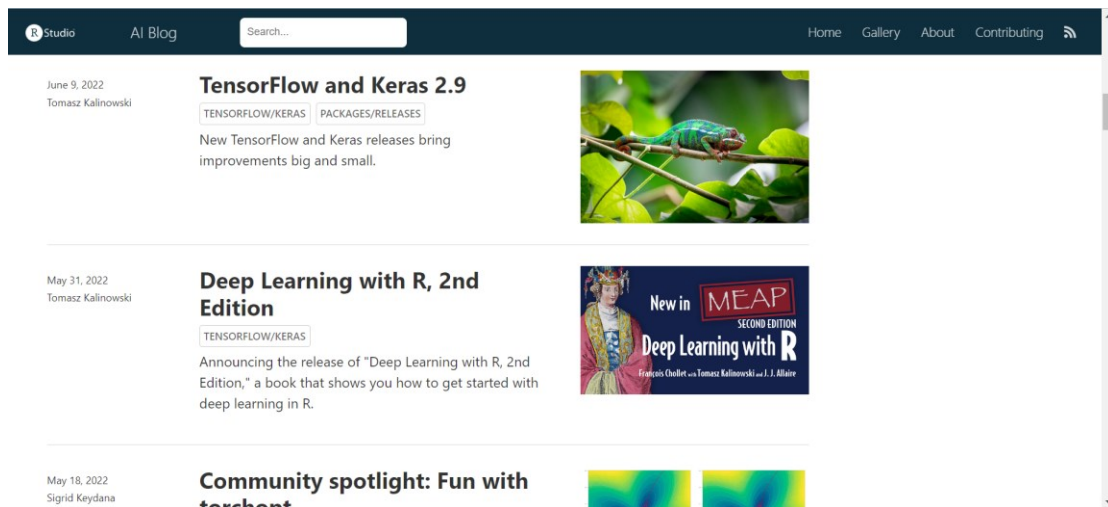
The tidyverse is an opinionated **collection of R packages** designed for data science. All packages share an underlying design philosophy, grammar, and data structures.

Install the complete tidyverse with:

```
install.packages("tidyverse")
```

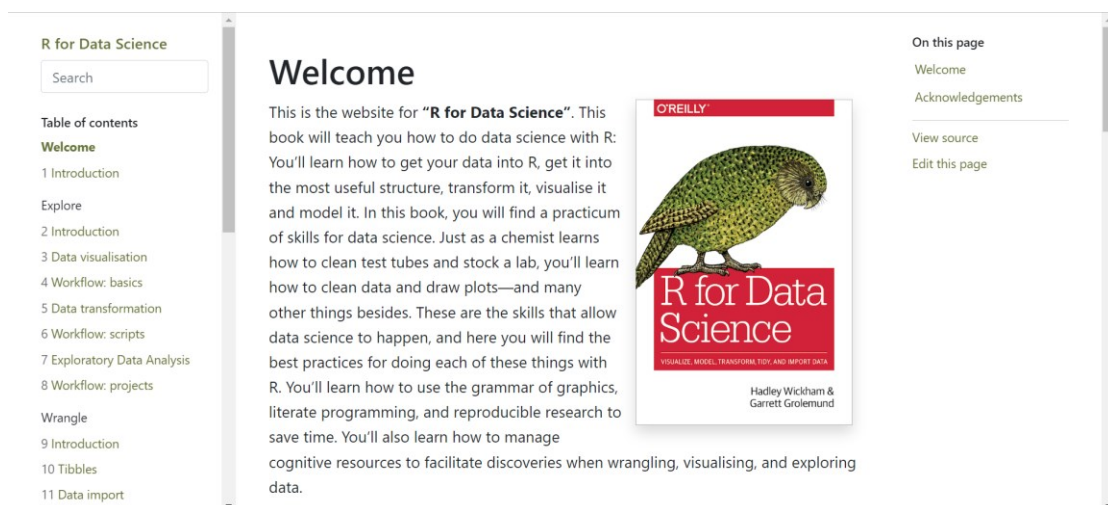
## 6、R 中的人工智能，深度学习内容尤为值得关注

<https://blogs.rstudio.com/ai/>



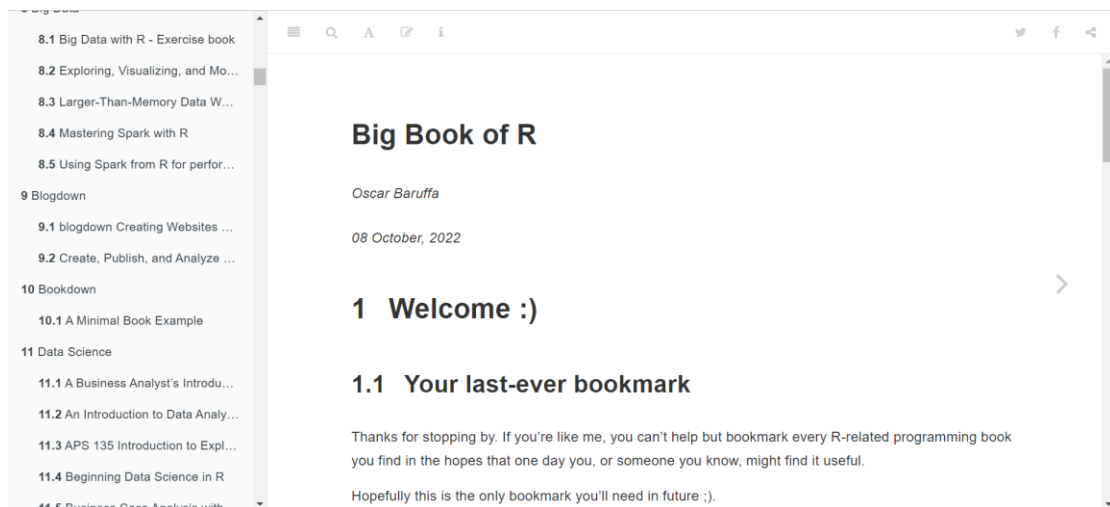
## 7、R for data science, R 入门的最佳选择（之一）

<https://r4ds.had.co.nz/>



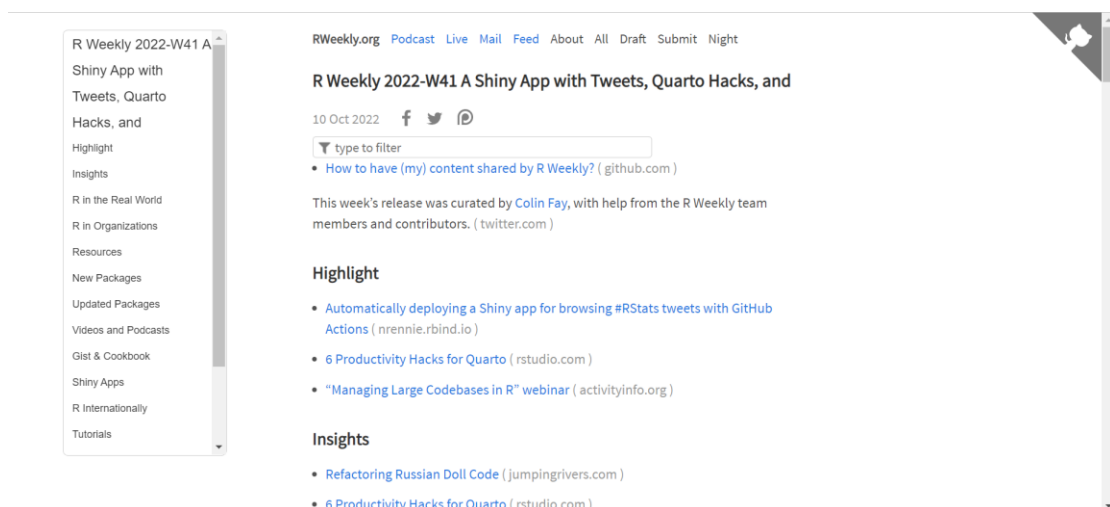
## 8、Big Book of R, 各种 R 好书

<https://www.bigbookofr.com/index.html>



## 9、跟踪 R 的最新动态

<https://rweekly.org/>



(上述截图中的内容，时间为 2022 年 10 月 7 日)

以上资源由北京邮电大学艾新波整理，可通过以下方式与他取得联系：

[axb@bupt.edu.cn](mailto:axb@bupt.edu.cn)

<https://teacher.bupt.edu.cn/aixinbo/zh-CN/index.htm>