

THE **R ADMIN** IS RAD

A GUIDE TO PROFESSIONAL R TOOLING AND INTEGRATION



WHO WE ARE AND WHAT WE DO

- **What we do**

- Build and promote software that supports reproducible data analysis
- Primary focus is the usability in our interfaces and API's
- Dedicated to R and open source software
- 70% of our engineering effort is towards open source

- **Who we are**

- Requires the top talent and minds to solve these problems
- We created a structure to generate enough revenue to hire the them

- **How we fund it**

- Commercial products that are about enterprise fit
- Organizations that rely on R and Shiny can plug these into existing infrastructure
- Security, scalability, manageability, auditing, deployment, collaboration, etc.

- **If you've licensed our Pro products, thank you for supporting us!**

- Our open source software is only possible because you are buying our products.



MY EXPERIENCES ON-BOARDING R

	Consumer Research (c. 2004)	Advertising Network (c. 2008)	Client Services (c. 2011)
R Users	Me	Team	Global
R Tools	Desktop	Server	Cluster
Relationship with IT	None	Support	Partnership
Groups Influenced	Department	Organization	Customers

WHO IS THE R ADMIN?

A **data scientist** (who knows R) and works with **IT/Ops** to:

1. Establish R as an analytic standard
2. Promote R tooling
3. Integrate R into other systems.

<https://rviews.rstudio.com/2017/06/21/analytics-administration-for-r/>

THE GAP BETWEEN DATA SCIENCE AND IT

Data Science Team

Discovery
Insights
Influence
Take actions



IT Operations

Production
Support
Compliance
SLA's

R ADMINS FILL THIS GAP

Data Science Team

Discovery
Insights
Influence
Take actions

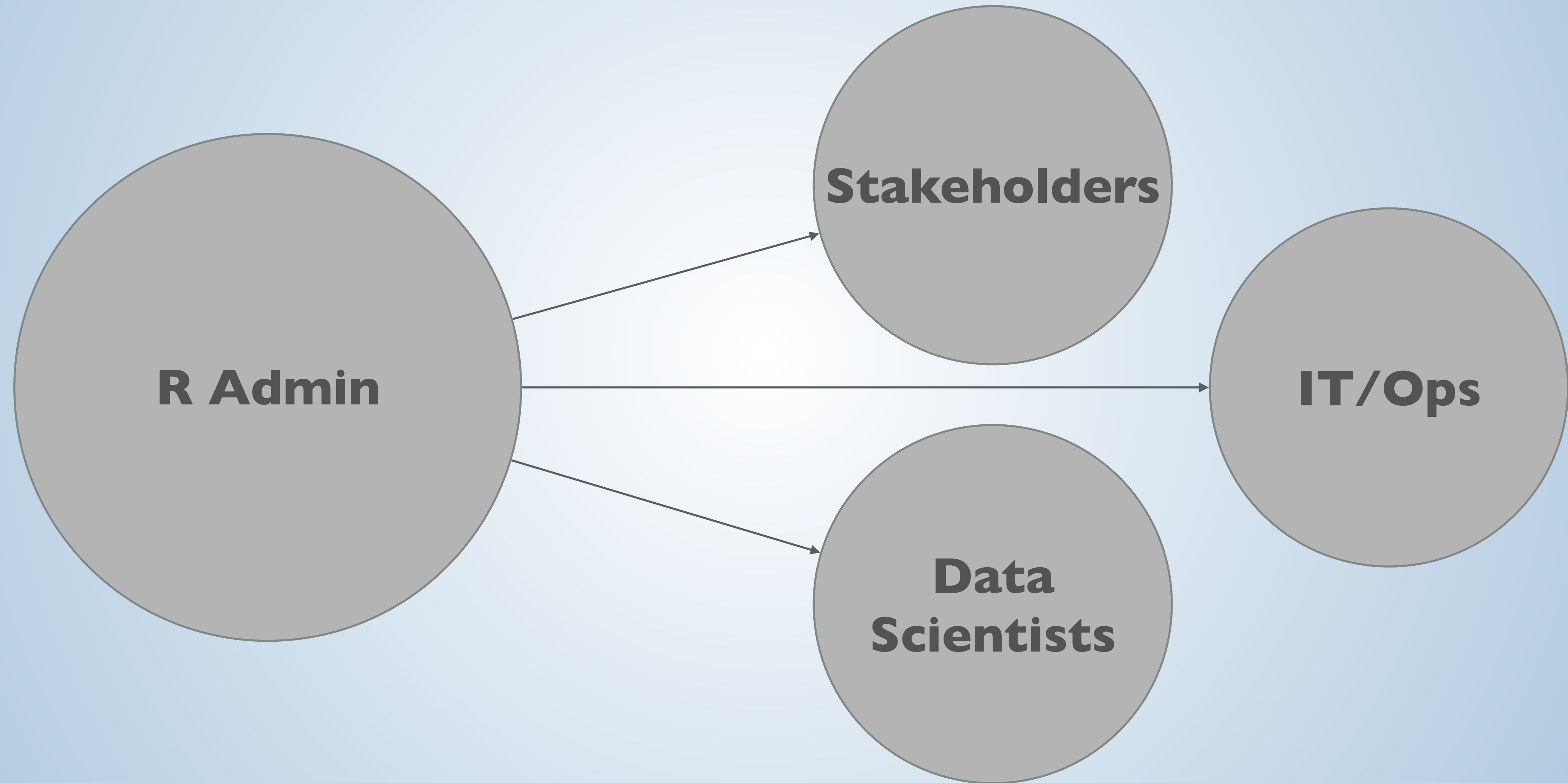
R Admin

Legitimize R
Build a data lab
Take advantage of data
Build products and apps
Develop teams and
talent

IT Operations

Production
Support
Compliance
SLA's

THE MULTIPLIER EFFECT




THAT IS WHY THE R ADMIN IS RAD!

The R Admin is a RAD-MAN

...or a RAD LADY



IF YOU COME TO A FORK IN THE ROAD, TAKE IT!



[All](#) [Maps](#) [Videos](#) [Images](#)

About 57,900,000 results (0.51 seconds)

Did you mean: [radmin](#)

what

job title, keywords or company

where

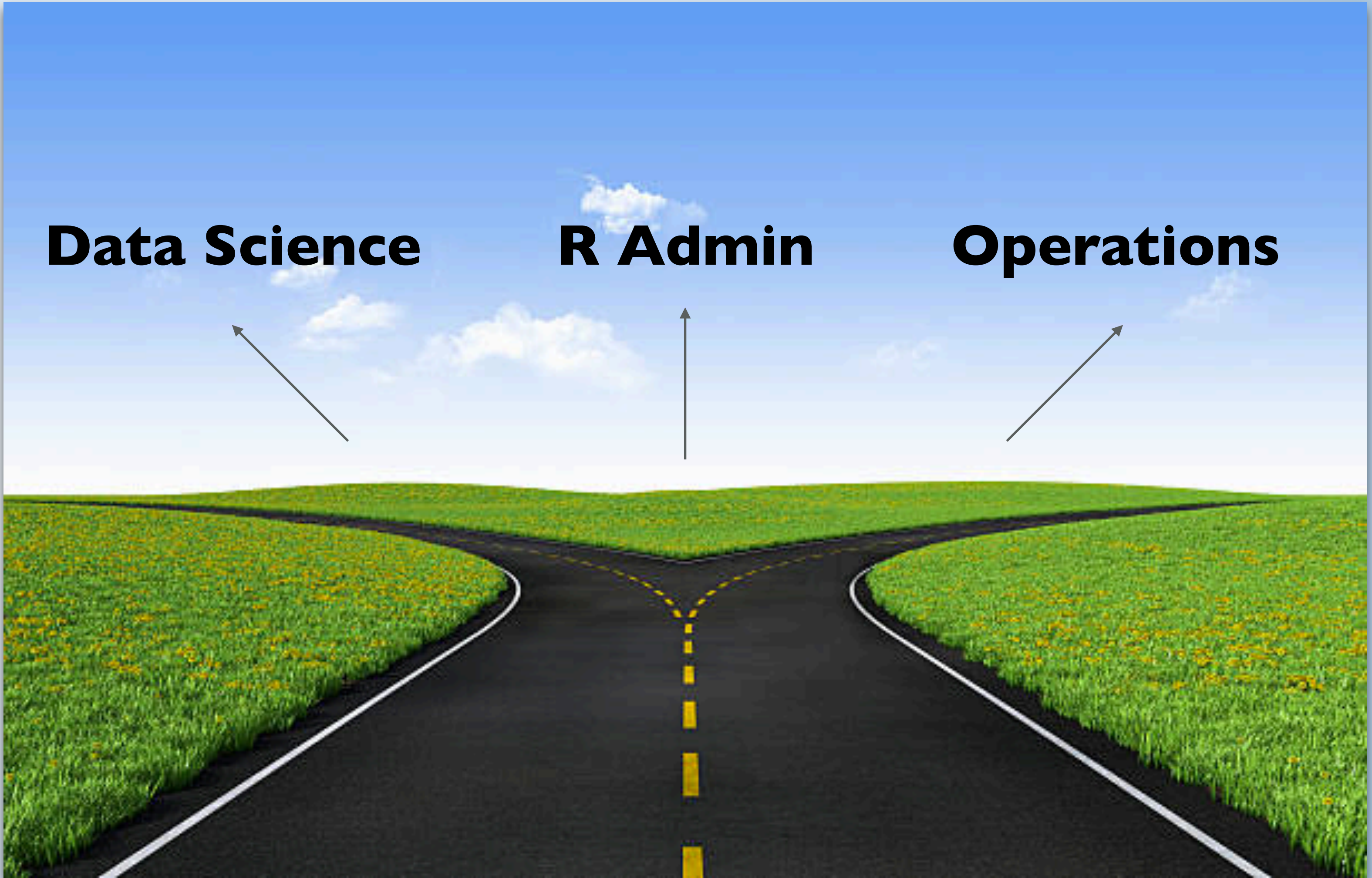
city, state, or zip

Tip: Enter your zip code in the "where" box to show results in your area.

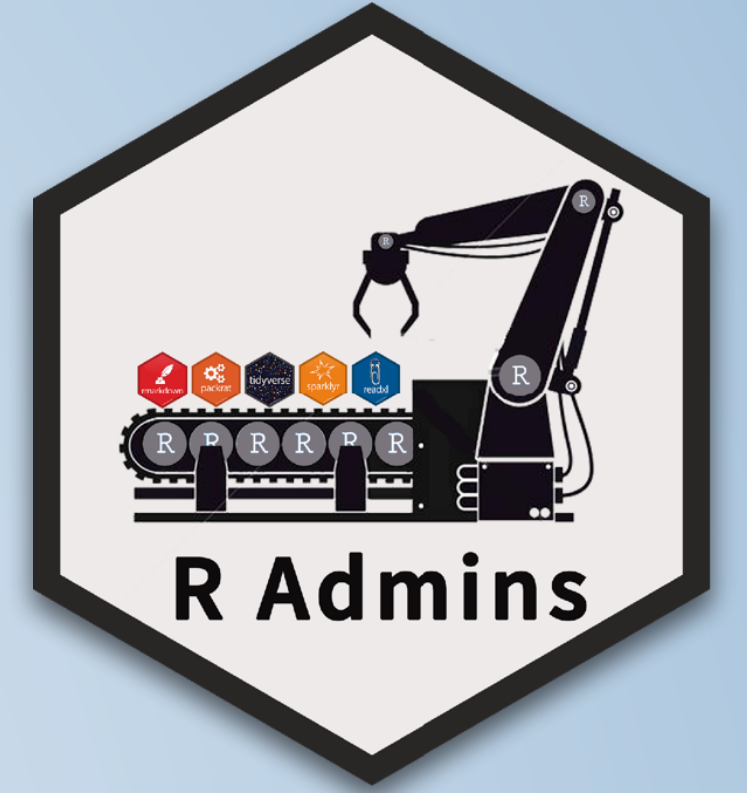
[Upload your resume](#) - Let employers find you Page 1 of 11,151 jobs


Show: **all jobs** - 388 new jobs




Database Administrator new
Enable Midstream Partners - ★★★★★ 17 reviews - Houston, TX
Two (2) years' directly related experience as a Database Administrator or two (2) years related experience and a SQL Server or Oracle database certification...
Sponsored - 4 hours ago - [save job](#)




COMMUNITY.RSTUDIO.COM



 Studio Community



 This category is for discussions about R in production, at scale, and in complex environments.

R Admins ▾

all tags ▾

Latest



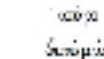










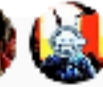



New

Unread

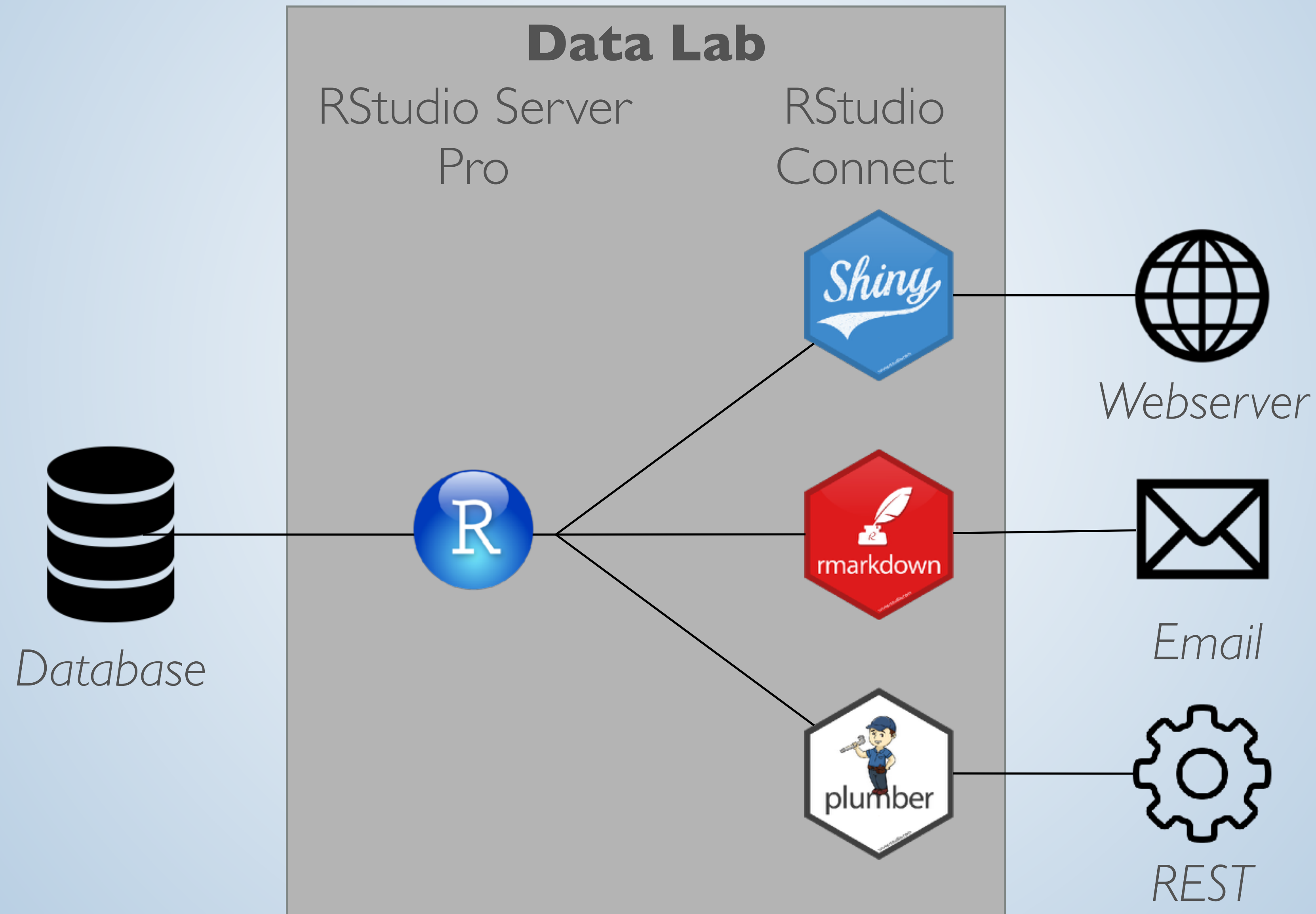
Top

Edit

+ New Topic

 Topic	Users	Replies	Views	Activity
Any admins at the 2018 rstudio::conf? rstudioserver, conference		0	32	5h
Access to raw application logs in RStudio Connect rstudioconnect	  	2	75	22h
Using R, RStudio and Rtools in a corporate environment rstudio	 	1	34	1d
Is non-root build of rstudio server supported or at least possible in principle?		0	51	3d
<hr/>				
Package trust and vetting before installing	 	1	74	6d
Use Rstudio-Connect inside Docker rstudioconnect	 	2	81	9d
How to get started with R for production?	    	9	542	12d

DEMO: BITCOIN



DEV/TEST/PROD



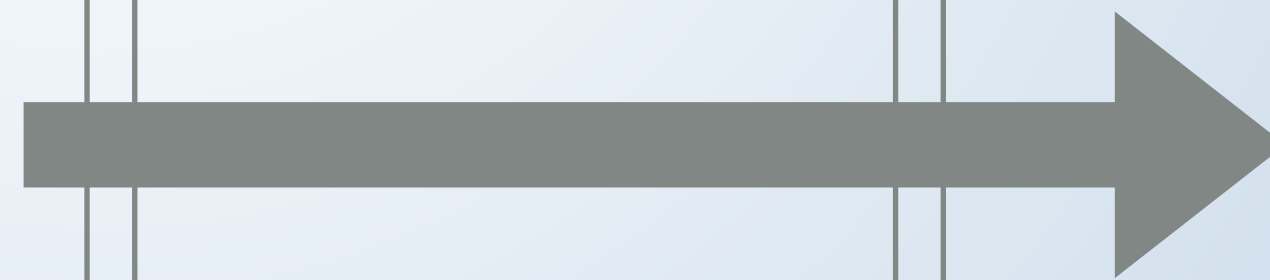
Dev: Data Lab
Data Science Managed

RStudio Server Pro
RStudio Connect



Test

Prod
IT Managed



CALL TO ACTION

Make R a legitimate part of your organization

Get a sandbox and learn Linux

Start building your data lab

REFERENCES

- [Github: r-admin-2018](#)
- [Analytics Administration for R](#)
- [Make R a Legitimate Part of Your Organization](#)
- [A Data Science Lab for R](#)
- [The Unix Workbench](#)



THANK YOU

nathan@rstudio.com

@nwstephens

<https://github.com/nwstephens/r-admin-2018>