

October 26, 2021





























## **Public Benefit Corporation**

Open source mission codified into our charter

Corporate decisions must balance the best interests of community, customers, employees, and shareholders

J.J. Allaire CEO, RStudio <u>rstudio.com/pbc-keynote</u>
Details of Certified B Corporation assessment at <a href="https://bcorporation.net/directory/rstudio">https://bcorporation.net/directory/rstudio</a>



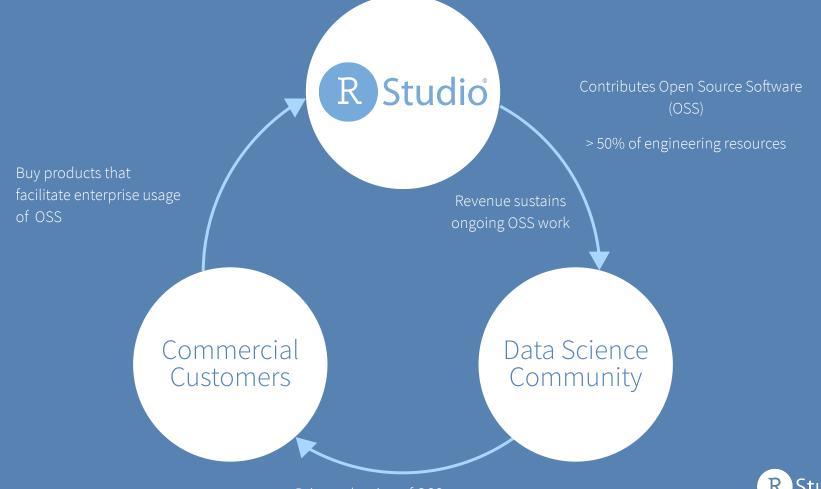
## Our Mission

# Create free and open-source software for data science, scientific research, and technical communication

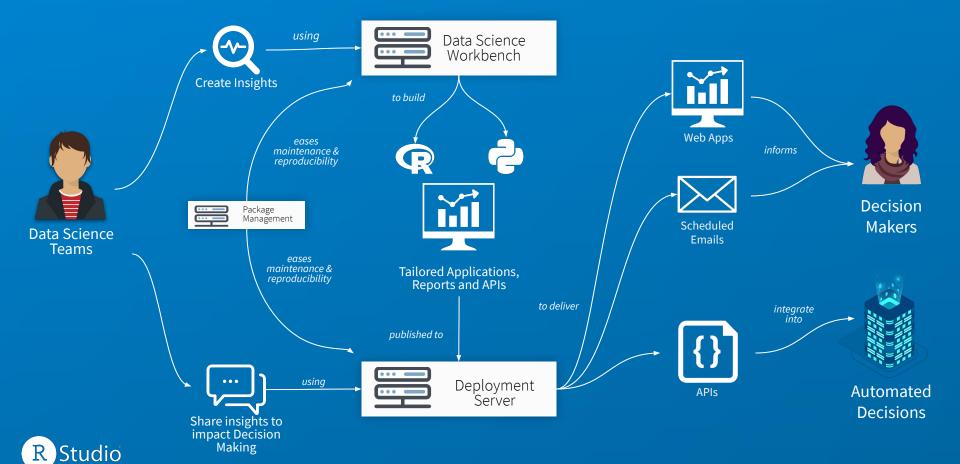
- Allows anyone with access to a computer to participate freely in a data-centric global economy
- Enhances the production and consumption of knowledge
- Facilitates collaboration and reproducible research in science, education and industry



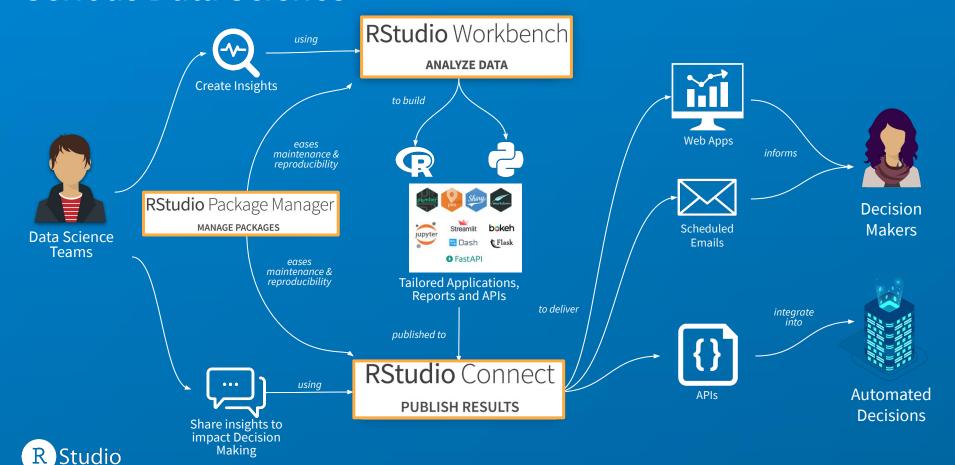




## Serious Data Science



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### **RStudio Team**



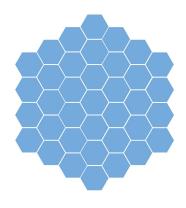
#### **RStudio Workbench**

Scale R and Python development within a maintained environment that fosters collaboration.



#### **RStudio Connect**

Share insights with decision makers, via web applications, email or APIs



### RStudio Package Manager

Control external packages and share internal code.



#### **RStudio Workbench**

#### **RStudio IDE for the Enterprise**

RStudio Workbench enables the collaboration, centralized management, metrics, security, and commercial support that professional data science teams need to operate at scale.

Provide R and Python data scientists their preferred IDE: RStudio IDE, Jupyter and VSCode

- Collaboration and project
- Scale with Kubernetes and SLURM
- Authentication, access, & security
- Run multiple concurrent R and Python sessions

- - Remote execution with Launcher
  - Auditing and monitoring
  - Advanced R and Python session management



- ide, Jupyter and vacode
- Develop in RStudio IDE, Jupyter and VSCode
- Load balancing
- Data connectivity and RStudio Professional Drivers

#### **RStudio Connect**

#### Connect data scientists with decision makers

RStudio Connect is a publishing platform for the work your teams create in R and Python. Share Shiny applications, R Markdown reports, interactive Python content, Plumber and Flask APIs, dashboards, plots, Jupyter Notebooks, and more in one convenient place. Use push-button publishing from the RStudio IDE, scheduled execution of reports, and flexible security policies to bring the power of data science to your entire enterprise.



## Push-button publishing from the IDE



#### Self-Managed Content - give your users control of the work they share

Access	(3) Performance	Logs	
Performan	i		
O Use se	erver defaults		
<ul><li>Specify</li></ul>	y custom settir	gs for this app	

## Schedule reports to run automatically or distribute the latest version by email

Daily		
Run every 1	day.	
Run everv we	ekday (Monday to Friday	).

## Enterprise Security - keep control of your data and who has access

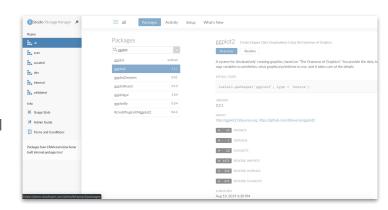
Access Output Logs		3-	



## RStudio Package Manager

#### Package management built for R and Python

- Organize and centralize R and Python packages across your team, department, or entire organization.
- Get offline access to CRAN, Bioconductor and PyPI for air-gapped or limited access environments
- Automate syncs, share local packages, restrict package access, find packages across repositories, freeze repositories, and more.
- Experience reliable and consistent package management, optimized for teams who use R or Python.









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