Posit - About Us

Open source for a better world

Our mission is to create open-source software for data science, scientific research, and technical communication. We do this to enhance the production and consumption of knowledge by everyone, regardless of economic means. Posit is the only open source data science company that has stated its intentions never to sell, and is committed to remaining independent to ensure our mission is uncompromised.

Posit develops and maintains some of the most widely-used open source data science, AI, and machine learning packages and applications in the world. Our commitment to remain independent and support these open source tools long-term helps secure your investment in open source data science.

Open since day one

RStudio (now Posit) was founded in 2009 with the vision of creating high quality open-source software for data scientists. We've grown exponentially over time but our culture remains unchanged. We invest heavily in open-source development, education, and the community with the goal of serving knowledge creators 100 years from now.

Our Charter

We want Posit to serve a meaningful public purpose and we run the company for the benefit of our customers, employees, and the community at large. That's why we're designated as a Public Benefit Corporation. As a Certified B Corp, we must meet the highest verified standards of social and environmental performance, transparency, and accountability.
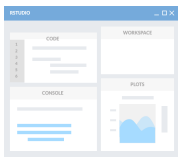
The Open Source Data Science Company

Posit is the company behind the RStudio IDE, the Tidyverse suite of packages, Shiny, Quarto, as well as Posit Team, the premier enterprise toolchain to securely scale open source data science.

- 8,000+ active commercial software customers

- Trusted by 52 of the Fortune 100

- In addition to millions of people using our open source software every week (it is estimated that well over 90% of R programmers use RStudio as their primary code editor)

Learn more at posit.co
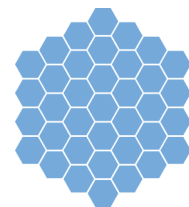
Posit Team

Our all-in-one solution

Posit Team is the bundle of our most popular products including: Workbench, Connect, and Package Manager. Together, this bundle delivers an end-to-end toolchain for data science teams committed to R and Python, improving every step of a data scientist's workflow, from developing insights, to deploying data products, to managing environments.
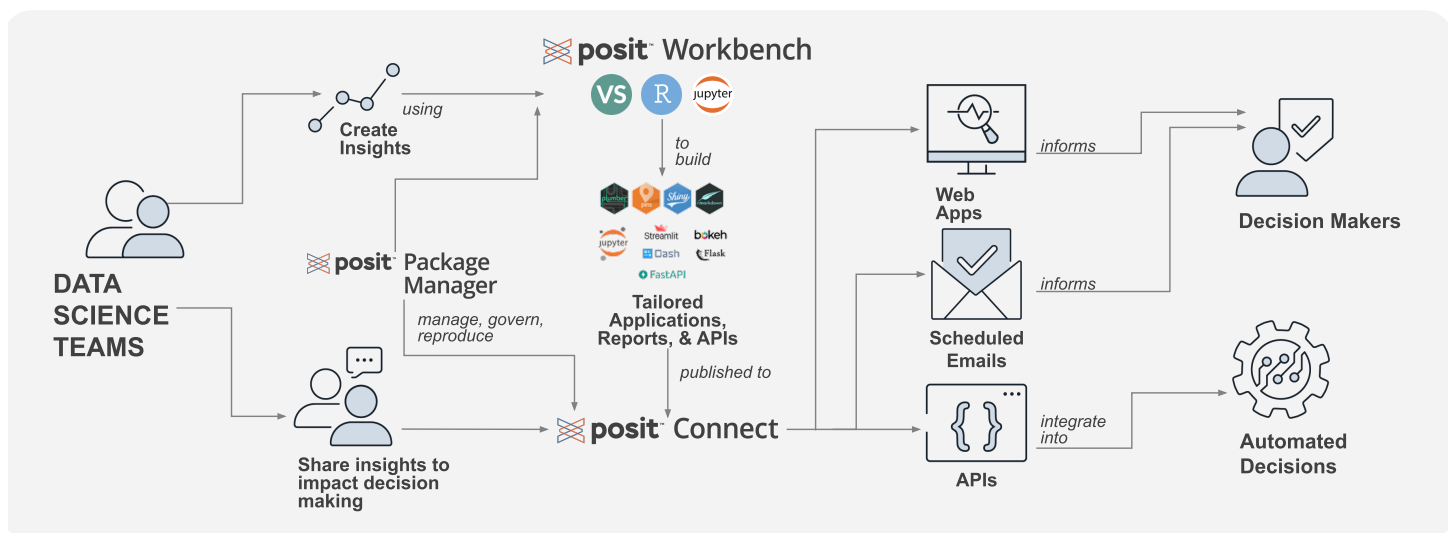

Posit Workbench allows data scientists to code in both R and Python within their preferred development environment, without any additional strain on IT. Tap into more compute power, collaborate in real-time with others on data science projects, and access enterprise features like centralized management, security, and commercial support.

Posit Connect allows teams to deploy everything they create in R & Python, including interactive applications (Shiny, Streamlit, Dash), documents, notebooks, and dashboards. Automate code execution so the data products are always up to date. Give stakeholders and collaborators the right access to the content they need.

Posit Package Manager delivers reproducible data science without the burden of manual package management. Organize and centralize R and Python packages across your team, department, or entire organization.

Build amazing data products. Deploy with ease. Scale confidently.

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Flexible professional products customizable to Pharma

Use Posit Team as your part of your Next-Gen SCE or Integrate into your Existing Environment

Posit's professional suite of products, Posit Team and Posit Academy, can help you build the statistical computing environment, transition to and scale open source clinical workflows at ease with support along the way. Posit Team, a complete toolchain of our three core products: Posit Connect, Posit Workbench, and Posit Package Manager cover the essentials - building applications, sharing insights, maintaining a repository of pharma specific packages, while Posit Academy helps upskill talent.

posit Workbench

BUILD

insights with your favorite open source code editors

Let biostatisticians and statistical programmers create insights using the IDE of their choice in order to inform go no-go decisions in clinical development. Everything lives on a centrally managed infrastructure that allows for multiple scaling options such as SLURM based High Performance Computing (HPC) or Kubernetes Clusters.

posit Connect

SHARE

applications, notebooks, reports, visualizations, models, and APIs

Share insights that shorten the feedback loops. Connect lets you share interactive visual dashboards that can give real-time data using Shiny and even Python for your clinical trial research – allowing decision-makers to dive into the data quicker at go/no-go checkpoints.

posit Package Manager

CONTROL

open source packages and enable reproducibility

Host all the R and Python repositories your team uses and loves (e.g. CRAN, Bioconductor ,PyPi, ...), and offer all your tested and validated packages in a separate repository that then can linked to Posit Workbench and Posit Connect creating ease of mind for the users and ensuring a large degree of compliance when it comes to package usage.

Top Pharmas are using Posit for their Next-Gen Statistical Computing needs:

novo nordisk®

[Novo Nordisk's Journey to an R based FDA Submission](#)

Roche

[Shifting to an Open-Source Backbone in Clinical Trials at Roche](#)

AstraZeneca

[Training & empowering more than 1,100 R users at AstraZeneca](#)

posit

Posit Academy + Atorus Live Training

Posit Academy for Life Sciences

The best talent expects access to open-source tools and workflows. Posit Academy teaches programmers in the pharmaceutical space how to adopt and use open-source tools within the context of drug development. Your programmers will work with real datasets, packages built specifically for pharma, on projects related to regulatory submissions.

> "Experiential learning is key to generating the motivation needed to develop our Data Scientists and Posit Academy has been a great ally on this journey."
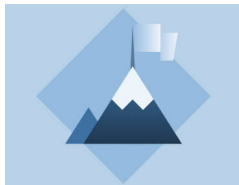>
> **AstraZeneca**
> **Gabriella Rustici**
> Senior Director, R&D Data Science, Learning & Development

What makes Academy different

Posit Academy combines practice, feedback, and a motivating social component to create a learning experience akin to a data science residency. We replace the traditional workshop model with a project-based apprenticeship under the tutelage of a mentor with carefully designed, customized projects.
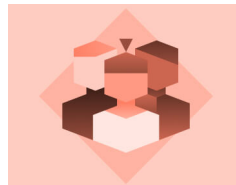
Lessons
Learn the fundamentals for the project with interactive lessons.

Project milestones
Each week, recreate a progressive piece of the project and expand on it.

Group sessions
Share your work and ideas with your group at weekly sessions.

Mentor meetings
Meet regularly with a mentor to get personalized guidance.

Daily practice
Build long-lasting habits with spaced-repetition drills.

Instructor Led Training with Atorus Research

Atorus, a Posit Certified Partner, extends Posit Academy with live instructor-led training that teaches programmers the ins and outs of the clinical data pipeline, as well as educating clinical SAS® programmers on the techniques necessary to leverage R to its full potential.

Sample Curriculum: Creating Datasets in R

- General Dataset Concepts
- Basic SDTM Programming Techniques
- Basic ADaM Programming Techniques
- Programming ADaMs with admiral

SAS® → R

SAS® TO R TRANSLATIONS

CLINICAL DATA AND EXAMPLES

LECTURE AND GUIDED PROGRAMMING