

FROM DATA TO DECISIONS

Scaling AI-Powered Data Science on Snowflake for Financial Services & Insurance



Posit is Snowflake's premier partner

Delivering the **only fully native R & Python data science platform** inside the Snowflake AI Data Cloud. **Built for banks, insurers, and asset managers** to securely combine, model, and act on data at scale.

TRUSTED BY THE WORLD'S LEADING BRANDS, INCLUDING

52%

OF THE FORTUNE 500

JOINT CUSTOMER SUCCESS

100

DATA PEOPLE
ENABLED AT
beneva

Using **Posit Team & Snowflake, Beneva** enabled 100 Data people across actuarial and analytics teams, giving each ability to prioritize & publish their own specialized tools independently.

[READ THE STORY >>](#)

“It has changed the way our actuaries do their job. I think we are developing the best actuaries that we will see on the market. It's a different game for sure.

– BRUNO TREMBLAY
P&C Insurance Actuarial Consultant

POSIT + SNOWFLAKE FSI USE CASES

RISK MODELING



Build, validate & version models with full auditability

THE PROBLEM

Risk teams are stuck with legacy tools, including Excel, SAS, and point-and-click software.

THE SOLUTION

Posit Workbench connects teams directly to Snowflake through RStudio, VS Code, or Jupyter. Models are built, validated, and versioned with full auditability.

Posit Connect schedules model runs and delivers automated validation reports.

PRICING & UNDERWRITING



Combine live data and market signals. Publish Pricing dashboards and results

THE PROBLEM

Pricing teams need to quickly combine risk models with market data and economic signals.

THE SOLUTION

Posit Workbench connects pricing teams to live Snowflake data so analysts can build and iterate using current data.

Posit Connect publishes interactive pricing dashboards and scheduled rate change reports. Quarto documents methodology for regulatory filings.

FRAUD DETECTION & INVESTIGATION



Detect anomalies, score risk & investigate faster with AI-powered insights

THE PROBLEM

Fraud and risk teams are buried in volume, working across siloed systems with tools that cannot keep pace with evolving threats.

THE SOLUTION

Posit Workbench enables teams to build custom machine learning models for anomaly detection, risk scoring, & pattern recognition directly against Snowflake's centralized data.

Posit Connect hosts real-time scoring dashboards and automated pipelines. Cortex LLMs analyze unstructured documents and audit trails at scale.

CLAIMS & OPERATIONAL ANALYTICS



Deliver real-time apps, automate report and use AI to summarize claims & flag outliers

THE PROBLEM

Business teams rely on manual reports and static dashboards. Claims departments generate enormous volumes of data that go underused.

THE SOLUTION

Posit Connect serves as the deployment layer for interactive Shiny and Streamlit apps, automated Quarto reports, and scheduled pipelines. All pull live data from Snowflake and are delivered directly to business users. Cortex LLMs draft claim summaries, extract key fields from unstructured documents, and flag outliers for human review.

PLATFORM ARCHITECTURE

The **Posit Team Native App** embeds Posit's complete data science platform inside Snowflake via Snowpark Container Services, so platform teams can get up and running in minutes with no data movement or separate infrastructure.



Workbench by Posit

Development environment supporting RStudio, VS Code, and Jupyter, connected directly to Snowflake data.



Connect by Posit

Deployment layer for Shiny apps, Quarto documents, Jupyter notebooks, Plumber APIs, and Streamlit apps.



Package Manager by Posit

Governed repository for open-source R and Python packages with vulnerability reporting, reproducible snapshots, and MCP server support for AI-assisted workflows.

SNOWFLAKE CORTEX AI

Easily use your preferred LLMs for Posit Assistant, and work faster.

DEPLOYMENT OPTIONS



NATIVE APP

Run entirely inside the customer's Snowflake account. Data never leaves the customer's security boundary.



CONNECTED APPS

Run in the provider's own infrastructure and query Snowflake data across a network.

[GET POSIT APPS ON SNOWFLAKE MARKETPLACE >>](#)

ZERO DATA EXFILTRATION

All code, models, and AI workflows run inside Snowflake's security boundary.

AUDIT-READY BY DEFAULT

Versioned, reproducible and explainable for regulators.

TOOLS TEAMS ACTUALLY USE

R & Python in RStudio, VS Code or Jupyter.

ONE PLATFORM, FULL LIFECYCLE

Develop, deploy & govern from data to AI applications.