



CUSTOMER SPOTLIGHT

Unlocking Scalable, Agile Data Science with Posit and Databricks at HP

SUMMARY:

HP leverages Posit Team (Workbench, Connect, and Package Manager) alongside Databricks to bridge the gap between heavy data engineering and rapid insight delivery. By providing a seamless, cloud-based IDE for R and Python, Posit empowers HP's data scientists to prototype and deploy data products independently.



ABOUT:

HP Inc. (NYSE:HPQ) is a global technology leader and creator of solutions that enable people to bring their ideas to life and connect to the things that matter most.

INDUSTRY:

IT Services

SIZE:

58,000 employees

TECHNOLOGY USED:

Posit Team (Posit Connect,
Posit Workbench,
Posit Package Manager)

DATA CLOUD PARTNER INTEGRATION:

Databricks

The Challenge:

The “Last Mile” Bottleneck

Before adopting Posit, HP’s data science teams faced a significant gap between their data engineering “backbone” and the delivery of finished insights. They were caught in a cycle of high-friction workflows that slowed their ability to scale.

- **DEPENDENCY ON PLATFORM ENGINEERING:** Data scientists were unable to publish their own work. They faced long wait times for engineering teams to deploy Shiny dashboards and APIs, stalling the “prototype-to-production” loop.
- **INFRASTRUCTURE FRICTION:** Scaling experimentation and marketing analytics required navigating complex cloud configurations and deployment hurdles that distracted from actual data science.



The Solution:

A Strategic Analytics Ecosystem

HP integrated Posit Team (Workbench, Connect, and Package Manager) with Databricks to create a unified, self-service data science platform. While Databricks handles the heavy data engineering and scalable compute, Posit provides the specialized environment for R and Python developers to turn that data into actionable products.

- **INDEPENDENT DEPLOYMENT:** With Posit Connect, teams publish Shiny dashboards and APIs directly. This removes the “wait time” for platform engineering, accelerating delivery.
- **SEAMLESS DATABRICKS INTEGRATION:** By “pinning” and retrieving models from Databricks through Posit Connect, HP enables real-time applications like market share simulations without duplicating infrastructure.

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