



HalifaxStanfield

CUSTOMER SPOTLIGHT

Delivering data products faster with rapid prototyping, powered by Posit

SUMMARY :

HIAA replaced fragmented tools with a code-first strategy using Posit Connect to enable rapid prototyping in days rather than months. A centralized Data Analytics Hub now provides real-time passenger trends and flight schedules to staff across the organization.



ABOUT :

The Halifax International Airport Authority is a locally controlled, non-share capital corporation that manages Halifax Stanfield International Airport (YHZ), functioning as a key regional economic asset by reinvesting all profits into airport infrastructure and services.

INDUSTRY :

Transportation

TECHNOLOGY USED :

Posit Connect

The Challenge:

Disconnected Solutions & Long Cycles

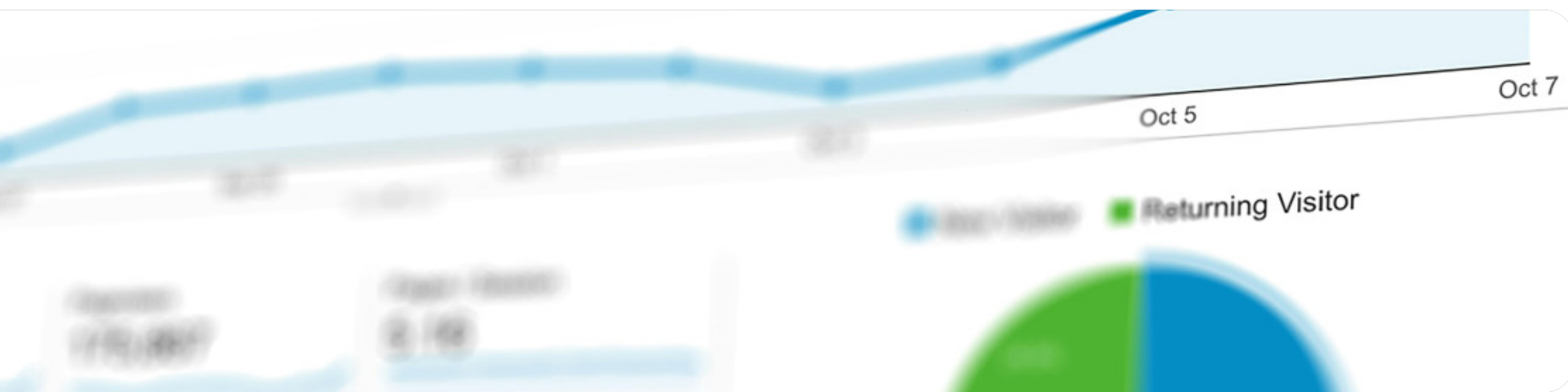
Historically, HIAA's data program relied on external professional services and rigid business intelligence tools, which resulted in long development cycles and high costs. These fragmented projects often produced "minimal value" dashboards with poor user experiences that could not scale to meet the airport's evolving operational demands.

- **INEFFICIENT WORKFLOWS:**

Staff spent hours weekly on manual data extraction for simple inquiries, such as upcoming flight schedules, which had to be requested through a central service center.

- **FRAGMENTED REPORTING:**

Data analytics was treated as a series of disconnected year-to-year projects rather than a continuous, integrated product service.



The Solution:

A Centralized Self-Service Hub

HIAA implemented Posit Connect to host a centralized "Data Analytics Hub," providing self-service access to interactive applications and passenger metrics. By moving development in-house and integrating with Microsoft Teams, the team now delivers real-time operational tools and passenger volume data in days rather than months.

- **RAPID PROTOTYPING:**

The team can now build working models for user testing in days, allowing for feedback and updates to be returned to stakeholders in just hours.

- **OPERATIONAL AUTOMATION:**

New tools like an automated flight schedule search have eliminated hours of manual ad hoc requests, freeing up the service center for higher-priority customer tasks.

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