

Healthcare Revenue Cycle Company move its Data and Pipelines to Azure quickly — without interrupting services or processes



Challenge

A leading healthcare revenue cycle technology and services company needed a way to move their data from on-prem to the cloud on a fast timeline — all with a limited budget and timelines without interrupting their business intelligence dashboards.

They had attempted an MVP version of the migration on their own and knew they'd need to turn to the experts for the full migration.

Solution

Using our team's expertise with cloud platforms like Azure and its Data engineering offerings like Data Factory, Data Bricks, and ADLS, Gleecus helped the customer lift and shift their entire on-prem data set to Azure within their timeline and budget.



The Full Story

A leading healthcare revenue cycle technology & services company focuses on making the business of healthcare service providers run better. By enabling customers to collect more data and enhance visibility into their business, the company helps frontline healthcare providers give more quality care.

In turn, they needed a cloud migration project to let them move from SQL database source systems to Azure without interrupting their own business dashboards as they went from on-prem to a cloud data platform. They also needed to run the project on a limited timeline and budget. This was the first and most important step in their objective of making the company a cloud-native one.

Why Gleecus

The customer understood that data migrations provide many complexities, and they saw value in trusting the experts to get the job done. In a competitive environment for the business, they trusted in Gleecus's ability to execute due to our deep understanding of data, along with our Azure expertise.

▶ Moving to the cloud with a limited bandwidth

To move from on-prem datasets on SQL database to Azure, we had to bring together a handful of technologies, including Azure ADLS, DataBricks, SnowSQL, and Bash Scripting. Pipelines are built to extract the data from SQL database source systems and load them

to Azure ADLS and finally to Azure DataBricks. In ADBK, the data is first loaded into the Staging layer and then to the PL layer. After applying the transformation to data in the PL layer, it is copied to the RL layer. The RL Layer data is then consumed by the BI pipelines to power the dashboards.

▶ Results

With all their data now on the cloud, they can begin the process of shutting down their SQL cluster and reallocating resources. More than that, the synchronization process that Gleecus has set up for the migration meant that the migration duration didn't interrupt Internet bandwidth or data availability for the customer. In summary,

Gleecus helped:

Migrated on-prem SQL data to Azure Cloud.

Managed usage of limited bandwidth to ensure normal business processes were not affected by the cloud data migration.

Looking for a Digital Innovation Partner to
build your next Digital Project?

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