

# Automated transformation of Tableau workloads to Amazon QuickSight for intelligent, GenBI-driven decisions

## VIDEO TRANSCRIPT

Are you looking to modernize your Tableau reporting workloads to a cloud-native BI platform like Amazon QuickSight, but concerned about complexity, cost, or disruption?

Enterprises are rapidly migrating from legacy BI platforms like Tableau to Amazon QuickSight to leverage scalability, cost-efficiency, and the power of GenBI capabilities of Amazon Q—Amazon's conversational interface.

LeapLogic, Impetus' data platform modernization solution, can help you achieve this seamlessly through end-to-end automated modernization of Tableau dashboards and datasets to Amazon QuickSight.

Here's a demo of how LeapLogic simplifies the migration of Tableau workloads to Amazon QuickSight – starting with a comprehensive assessment, followed by automated transformation, validation, and all the way up to operationalization.

Let's begin by assessing Tableau workloads on LeapLogic. The assessment report provides a

detailed analysis of all Tableau components. This can help you effectively plan your migration journey to Amazon QuickSight.

It starts by assessing your existing inventory and gives a high-level overview of your workloads—including complexity across Tableau files, worksheets, visualizations, and more.

LeapLogic also identifies workbooks, dashboards, and worksheets that are ideal candidates for Amazon Q, Amazon's conversational interface. These recommendations help optimize your migration scope and reduce conversion effort and cost.

In the Files Analysis section, you'll see a comprehensive summary of databases, dashboards, worksheets, and more—for each TWB source file.

The Queries page provides detailed insights into your Tableau queries—clearly categorized as unique, analyzed, and not analyzed, so you know exactly what's ready for transformation.

You can also view a detailed summary of all your data sources—covering the type of connections, associated databases, and linked files.

For every dashboard, you get detailed information about its worksheets, actions, and objects. And for each worksheet, you can drill down into visualization elements, columns, calculated fields, actions, and more.

You'll also get a clear view of interdependencies across your Tableau environment—along with end-to-end data and process lineage. This visibility is key for managing complexity and ensuring a smooth transition.

You can download a detailed report to access it offline.

The report includes everything from candidates recommended for Amazon Q, to information on worksheets, data sources, entities, joins, and more.

In the Report Summary, you'll find information about all generated artifacts.

The Volumetric Info section gives you a snapshot of your aggregated inventory after source analysis.

The Workbook Summary details all workbooks identified for conversational BI, along with the total number of data sources, worksheets, and dashboards.

The Data Source Summary lists every data source along with key details such as total connections, sets, entities, and relationships.

The Entities section captures every entity found in the source files, with information like data types and associated data sources.

You'll also get actionable, prescriptive insights through additional downloadable reports to guide your modernization strategy.

Now, let's move on to creating the conversion pipeline

that transforms Tableau datasets and reports into Amazon QuickSight equivalents.

Start by selecting the script type as Tableau and picking the report you want to convert from the BI assessments.

Then, set Amazon QuickSight as the target platform.

You can choose the data source type—in this case, Snowflake—and select the workbooks that need to be converted.

You can also define key-value pairs to dynamically configure custom properties at runtime.

Once done, save the BI Conversion stage.

Next, select the target data source, which is where the converted output will be published, and choose the target database that Amazon QuickSight will use to fetch the data.

Now, save the Execution stage and the overall pipeline.

With everything configured, you can execute the pipeline.

That's it! Let's look at the output of the Tableau-to-QuickSight conversion.

During the BI Conversion stage, LeapLogic automatically converts Tableau datasets into Amazon QuickSight-compatible datasets.

Here, you can see the conversion reports for each dataset and associated dashboard.

You can view converted artifacts—like dashboards and tables—that are ready to run on Amazon QuickSight.

The converted package, which includes QuickSight-ready code, is available for download.

All scripts have been executed successfully.

Now, let's head over to the AWS portal and launch the Amazon QuickSight service.

Here, you can see the converted datasets imported into QuickSight.

Let's navigate to the Analyses section—here, all the analyses are now visible and fully functional.

Your Tableau datasets and analyses have been successfully transformed to Amazon QuickSight, unlocking scalable, serverless BI and enabling Generative BI capabilities with Amazon Q.

LeapLogic streamlines your migration journey, ensuring a seamless transformation of Tableau workloads to Amazon QuickSight—paving the way for Generative BI.

Explore LeapLogic's automation capabilities for the end-to-end transformation of data warehouse, ETL, Hadoop, analytics, and reporting systems to an AWS-native stack – faster, at a lower cost, and with minimal risk.

Embrace the future of decision-making with Amazon QuickSight's conversational interface and LeapLogic's pattern-based intelligent transformation.

It's more than the next step. It's a leap into the future of your business.