leap**logic**

Automated reporting workload transformation from Tableau to Amazon QuickSight

Are you truly reaping the benefits of the cloud?

Enterprises are transforming their workloads to the cloud, but their legacy business intelligence tools prevent them from leveraging real-time actionable insights.

We change that!

LeapLogic migrates your Tableau analytic and reporting workloads to Amazon QuickSight, so that you can make real-time data-driven decisions while reaping the benefits of an AWS-native stack.

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

Tableau inventory and components to LeapLogic. It performs an extensive assessment and provides a detailed analysis of the Tableau reports, dashboards, and its entire inventory that can help you plan your migration journey effectively.

Once the assessment is completed, you can view the results. Under the Analysis tab, visit the Files section to get a comprehensive summary of databases, dashboards, worksheets, etc. for each source file.

Here, you can view the overall summary of the data sources, including different types of connections, databases, associated files, and more.

You can also download a detailed report from here for offline access. The report provides detailed information for different

data sources, connections, entities, joins, and so on.

Now, let's look at the source datasets and reports that LeapLogic will automatically convert to Amazon QuickSight.

On your LeapLogic dashboard, you can create a transformation pipeline that can convert the Tableau datasets to Amazon QuickSight.

At first, you can simply select the script type as Tableau. Now, select the required report to convert from the BI assessments and set the target as Amazon QuickSight. You can also enable the Spice Mode, which will allow Amazon QuickSight to fetch and store the data in an in-memory engine to improve efficiency. Lastly, you can select the data source as Amazon Redshift and save the BI Conversion stage.

You can now head to the Execution section and select the target data source where the converted code needs to be placed. Also, select the database from where Amazon QuickSight can fetch the data and save the execution stage.

That's it! You can now save and execute the pipeline on LeapLogic.

Once the pipeline is executed, you can view the output and check how the LeapLogic transformation engine converts Tableau datasets to Amazon QuickSight equivalent datasets. Here, you can see the conversion reports for each dataset.

In the Execution stage, you can see that all the converted scripts are executed successfully.

Presently, Amazon QuickSight doesn't support cardinality and provides partial support for hierarchies. LeapLogic follows a unique solution for dealing with unsupported or non-performant patterns on the target side. Its intelligent pattern-based transformation engine incorporates target-native best practices and converts the code such that it is optimized, compliant, and easy to maintain.

Now, let's log-in to an AWS portal, initiate the QuickSight service, and import the converted datasets. Here, you can see the converted datasets. Simply browse the dataset of your choice to get more insights. For instance, you can see all the associated tables and their relationship.

Next, let's create an analysis by providing values in the associated fields.

You can see that Tableau datasets are successfully converted to Amazon QuickSight.

That's it! You are all set to leverage the power of Amazon QuickSight.

Transform your legacy Tableau reporting workloads to a modern Amazon QuickSight system with LeapLogic.

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

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