



# Credit Union Banks on erwin® Data Modeler by Quest®

First Tech Federal Credit Union is one of the nation's premier credit unions, offering a full range of customized products and services, as well as individual tools for financial wellness.



“The biggest lesson I have learned from using erwin Data Modeler is that having the model upfront and getting it approved helps reduce project go-live time. It also definitely helps business analysts and end-users to understand how to write their Tableau reports.”

*Srikanth Akavaram  
Senior Data Warehouse Architect  
First Tech Federal Credit Union*

## CUSTOMER PROFILE



<b>Company</b>	First Tech Federal Credit Union
<b>Industry</b>	Financial Services
<b>Country</b>	United States of America
<b>Employees</b>	1,500
<b>Website</b>	<a href="http://firsttechfed.com">firsttechfed.com</a>

## CHALLENGE

Data modeling is the first step to ensuring that an enterprise can use, understand and trust its mission-critical information. Like many organizations today, compatibility and support for cloud-based databases are vital for this financial services company, which uses Snowflake as its cloud data warehouse. The Snowflake Cloud Data Platform is a solution for data warehousing, data lakes, data engineering, data science, data application development and for securely sharing and consuming shared data.

For First Tech Federal Credit Union, collaboration is a critical part of their culture. In order to become truly data driven, First Tech promotes a culture of working cross-functionally to enable teams to collaboratively produce more accurate and higher-value results. As such, the organization needed a data modeling tool that was both compatible with Snowflake and could ensure that its data models were always up and running and available for query and reporting purposes for both its business and IT users. Data modeling has always been the best way to understand complex data sources and automate design standards. All First Tech users need visibility into the kinds of relationships that are being built in the data warehouse in order to keep the entire organization on the same page.

“Overall, erwin Data Modeler’s support for Snowflake is very good. It’s very stable and user-friendly and our data modelers live day in and day out on it. No complaints.”

*Srikanth Akavaram*

## SOLUTION

As a long-term erwin® Data Modeler by Quest® customer, First Tech knew that erwin’s system-provided integration to automate the design, analysis and deployment of Snowflake was vital functionality. erwin Data Modeler is used for all projects in the data warehouse as part of the company’s project life cycle. erwin Data Modeler supports Snowflake as a target database using Codemesh-based JDBC support for Snowflake connectivity and enables customers to automate the creation of Snowflake data models; engineer or generate code for Snowflake database schemas; and compare, analyze, and synchronize Snowflake models with the databases they represent. It also provides customers with the necessary data modeling, code generation, data mapping, lineage, documentation and impact analysis that’s foundational to a sustainable data governance program.

First Tech generates the DDL scripts of erwin Data Modeler into Snowflake. Any changes that happen after that also go through erwin and then they make a master copy of the erwin model. It is not being used for reverse-engineering – only from data model to the physical layer.

## RESULTS

erwin Data Modeler has become a critical tool for this credit union in helping get everyone on the same page and reducing project go-live time. The product’s support for Snowflake has been especially helpful from a data modeling perspective. JDBC

and system-provided connectivity have helped the organization simplify the push mechanism. According to Srikanth Akavaram, Senior Data Warehouse Architect, “We have five to seven modelers working on it at any moment in time. We have not seen any scalability issues, slowness, or that it is not supporting that level of use, because it is all desktop based.” erwin data models reduce complexity, making it easier to design, deploy and understand data sources to meet business needs.

erwin Data Modeler also automates and standardizes model design tasks, including complex queries, to improve business alignment, ensure data integrity and simplify integration. Its automated schema engineering and deployment accelerates and ensures successful adoption of cloud platforms, like Snowflake, including auto documenting existing schema into reusable models.

## SOLUTION

erwin® Data Modeler by Quest®

## ABOUT QUEST

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