

# Increase Data Quality Productivity by 2x and Reduce Cost by 50%

## Customer: Financial Services

A bank in the USA was on a data modernization journey. Their current system was a patch work of the usual suspects of traditional DQ tools. With rapidly evolving data needs they were unusable and unreliable relics.



## Challenges

They were unable to handle large datasets and rules had to be recreated for multiple platforms. Security and compliance were a concern as data had to be moved where the data quality rules were. The bank had to have extensive hardware to manage all the back-and-forth data movement. Rules writing process was laborious and time consuming, so their DQ team had grown to over 200 people. Unexpected errors were still slipping through to the business users who were using it for analytics and for reporting.

## Outcomes

Two-Step data quality validation was implemented with DataBuck. AI/ML supplemented Bank's user defined metrics with additional essentials and advanced data quality rules that were auto-discovered. DataBuck's superior architecture has no limitations on data volume, tables with >1 Bil rows could be validated in 30 minutes, which previously they could barely process even in 24 hrs. Compliance and security increased as DQ rules were taken to where the data is, not data to the rules.



Productivity Boost >100%



Expected Cost reduction >50%



Data set onboarding time reduction ~90%

## DataBuck – Benefits



People Productivity Boost >80%



Reduction in Unexpected Errors: 70%



Cost Reduction >50%



Time Reduction to Onboard data set ~90%



Increase in processing speed >10x



Cloud Native