

## CASE STUDY

# Transforming Kidney Care with Data Quality.



## THE CLIENT

## A Value-Based Kidney Care Solution Provider

## THE BUSINESS OBJECTIVE

The client works with healthcare payers and at risk providers to transform kidney care with a platform designed to deliver total care of chronic kidney disease and end stage renal disease. Core to their business is delivering better patient outcomes (reducing dialysis crashes and hospitalizations) and reducing costs by leveraging predictive analytics.

High-quality data is critical to achieving these outcomes. The client needed a solution to quickly and effectively remediate data quality issues as it integrated partner data into its platform.

## THE CHALLENGES

- Receiving data from multiple sources (payers and providers) with varying degrees of quality.
- Data quality processes were limited and manual, resulting in inefficient use of resources and time.
- Not all data quality issues were being addressed by current process.

## OUR SOLUTION

- Cloud-based, fit-for-purpose Data Quality Solution implementation.
- Integrated into client's existing data pipelines, enabling data quality checks as data moves from raw to refined stages.
- Automated quality checks with pre-built quality test scenarios for claims validation, demographic validation, duplicate checks, etc., and capability to accommodate many complex use case specific scenarios.

## BUSINESS IMPACT

X by 2's Data Quality Solution allows engineering teams to quickly target and remediate data quality issues and clinical teams to spend more time leveraging insights to inform patient care plan design and delivery approaches.



**Automated  
data quality checks**



**Empowered data users  
with clean, complete data**



**Scalable, secure, and flexible  
cloud-native data quality solution**

