



# DATA ASSURANCE SERVICES



“According to Gartner, **67%** of companies lack confidence in their own data”

## Offering Right Quality at the Right Time

Lack of credibility in the data delivered has been costing organizations a fortune. Data Assurance Services from Indium enables companies to get access to accurate and quality data through a host of services. With robust and scalable frameworks, Indium can offer cost effective solutions to handle complexities and drive initiatives that enhance business outcomes.



### Data Lake / Data Warehouse Testing

- ▶ Validation performed to ensure that all the qualified data from source systems are extracted, transformed, and loaded into each layer and data is fit for purpose

- ▶ Validation of all the data aspects in application modernization / cloud transformation initiatives, be it rehost or re-platform or refactor to ensure data completeness

### Data Validation for App Modernization/Cloud Transformation



### Data Validation for Advanced Analytics

- ▶ Validation of data quality for model building and model pipelines that ensures good quality data being fed into training and MLOps production

- ▶ Validation of the underlying data models or data as part of the upgrade from legacy infrastructure to a new infrastructure or newer version of the application software

### Data Validation for App/ Infrastructure Upgrade





### BI/Reports/Data Visualization Testing

- Validation of business intelligence reports for data consistency, appearance, performance

## iDAF - Indium's Data Assurance Framework

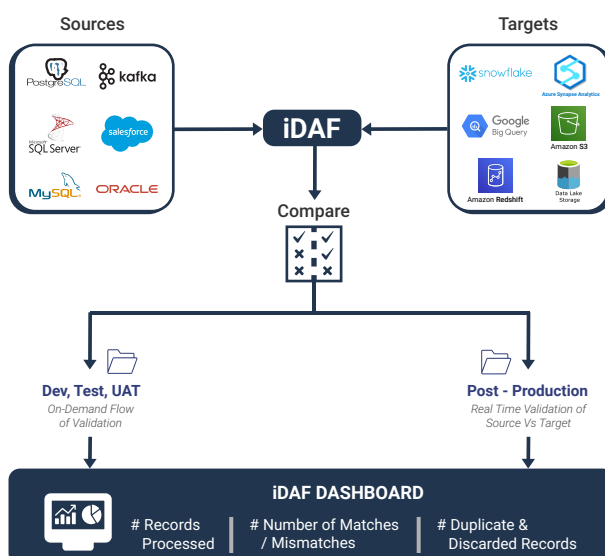
iDAF provides a holistic solution to validate target and source datasets for Data Quality, Data Completeness, Data Integrity, and Data Consistency. It provides a graphical dashboard view of all the data inconsistencies, thereby enabling customers to make informed decisions faster.

### The iDAF Impact:

For one of our customers, Indium was able to deliver excellent results through automation of iDAF during high volume test execution.

On comparing around 20 tables with a total of 1 Bn cells → Data execution in 45 mins.

A workload of 100 Mn with a total of 5 Bn cells → Data execution in under 60 mins.





# The Indium Advantage



## ABOUT INDIUM

Indium Software is a leading provider of Digital Engineering solutions with deep expertise in Application Engineering, Data and Analytics, Cloud Engineering, DevOps, Digital Assurance and Gaming.

Over the past decade, Indium has built strong relationships with over 100 clients spanning ISVs, Global 2000 as well as born-digital companies across North America, India, Europe and the Asia-Pacific region, and with ecosystem partners such as AWS, Mendix, Striim, Denodo and GCP.



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