A Swiss-based company that operates as a market expansion services provider. acts as a bridge between manufacturers and customers, leveraging its extensive network, industry expertise, and local knowledge to facilitate business expansion

Automating Data Layer Testing with Tricentis DI

Challenge

The challenge lies in the manual comparison of various data layers (Raw, Stage, Process, EDW) within the Analytic Azure Platform. Additionally, there's a need to compare data with the landing zone for specific use cases. Manual comparison is time-intensive, necessitating automation for efficiency.

Solution

- Implementation of Data Integration (DI) automation testing services to expedite QA rollout with Tricentis DI
- Planning DI integration testing to assess different layers within Azure Synapse Analytics
- Utilization of DI tools to validate various layers by cross-referencing metadata and identifying missing data across all data analytics layers

Outcome

- Standardized continuous testing process with increased visibility and transparency
- Early bug identification leading to faster resolutions
- Emphasis on early automation and comprehensive test coverage across modules
- Detailed test automation reports generated, capturing test case-level coverage percentages

Highlights

3X Improvement in productivity

60% Reduction in testing time

4000+ Queries validated