

# Accelerating Analytics Transformation From Tableau to Power BI

A Tier 1 Retailer has been leveraging Tableau as its primary data visualisation platform, with over **6,000 workbooks** developed and integrated with more than **3,000 data sources** across the organisation.

More recently, the Retailer selected Microsoft as its strategic partner for analytics, making the consolidation of **all reporting into Power BI** a natural progression, with the support of Celfocus throughout the process.

## CHALLENGE

- Migrate a **high volume** of workbooks in a **short period of time**
- Building a compelling business case to justify transitioning to **new reporting tools**, which would be challenging to achieve given the high costs associated with a fully manual migration approach

## SOLUTION

Celfocus developed **ConvertViz**, a solution designed to **accelerate the migration from Tableau to Power BI through the use of Python and Artificial Intelligence**, leveraging Microsoft capabilities for programmatic report creation.

In addition to enabling the migration between platforms, ConvertViz includes:

- **Metadata Discovery**  
Provides decisive indicators about report usage and its components
- **Testing Framework**  
Automated data comparison between two tools, presenting the end results in a testing report

## BENEFITS



**Accelerates migration by an average of 60%**, while identifying elements that require manual intervention, thereby reducing analysis effort



**Supports a more secure and standardised migration process** through automation



**Open and flexible solution**, enabling customisation and continuous evolution in line with the client's context

