

Infosys Data Testing Workbench

Enterprises are now dependent on real-time or near real-time data processing to make business decisions. This has led to increased investment in data integration initiatives for various purposes like Merger and Acquisition, Regulatory Compliance, Data Migration and Data Analytics. With the onset of BigData, data integration challenges also include volume, velocity and variety of data that needs to be processed.

It becomes necessary to have sound validation methods with appropriate testing strategies to ensure the quality of data and improve the confidence of users. Typical testing challenges include :

- Enormous volumes of data
- High skill requirement to design tests with optimal coverage
- Heterogeneous sources of input data and different frequencies of updates
- High turnaround time leading to delay in time-to-market
- Lack of traceability and governance
- High dependency on data integration tools
- Lack of quality test data

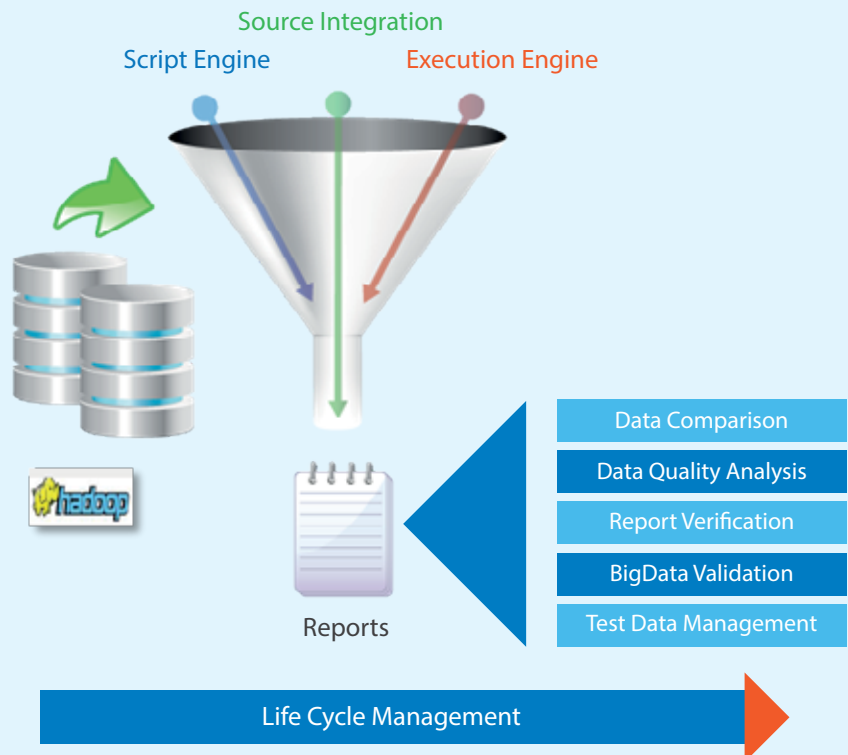
In order to enable global enterprises meet these new testing challenges, Infosys has designed the Infosys Data Testing Workbench (iDTW).

Product Overview

Infosys Data Testing Workbench is the next gen automation solution that streamlines and accelerates testing of data integration processes by offering a user friendly, comprehensive and integrated web-based platform.

It helps testers to do data quality analysis, field level or sampling based data comparison and also automates report testing.

iDTW has been deployed in over 60 clients environments.



Key Features

- **Data Comparison:** Compares data between pre and post migration through exhaustive and sampling approach
- **Data Quality Analysis:** Ensures correctness and integrity of data through set of data quality analysis
- **BigData Validation:** Supports validation of data movement of BigData integrated systems involving NoSQL databases and file systems
- **BI Report Verification:** Validates direct and derived data on BI Reports against the actual data in automated way
- **Test Data Management:** Ability to provision test data and generates test data synthetically
- **Test Life Cycle Management:** Integrated with HP ALM, provides traceability to test life cycle stages

Benefits

- 40% savings in overall testing effort
- Reduced time-to-market up to 25%
- Fully automated data processing and anomaly reporting
- 100% test coverage
- Deskillling through pre-built validation strategies and query builder
- Reduced license cost for Data Integration tools for validation

For more information, contact askus@infosys.com

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