



# G-Cloud 14

**Service Definition - Wipro Data Test Automation  
Framework Creation**



## Data-centric testing capabilities

Wipro has over 29000+ Quality Professionals and 22000+ automation and performance professionals, all dedicated to Quality Engineering and Testing Services

We provide

- Fully automated End to End assurance solution for data warehouse and ETL testing
- Big Data Assurance for cloud and open-source Hadoop platform
- Data Quality driven Data Migration solutions for modernization programs
- Compliance driven Test Data Management solution for optimized test data in non-production environments
- BI Assurance for reporting and visualization platforms
- Solution for Master Data Management Assurance

## Data test automation framework creation

Wipro is an Expert in Automation and Automation testing for Data Migration, Reporting, TDM, MDM etc. Where the location can be Cloud, on prem or hybrid. With our approach to automate testing for data quality assurance, we can provide the most economical yet effective solution

### Wipro's Approach for Test automation for data migration to Cloud

- Define Automation Objectives
- Thorough Automation feasibility assessment
- Optimized test suite and identify right scenarios
- Scripts in line with Business Processes
- Scalable Automation Framework Design
- Right tool stack selection to ensure Multi DB support in Cloud
- Operational Efficiency (Reusability of scripts, Maintenance)
- Proper Training

### Wipro's Approach for Test automation for Reports Testing

- Increase Application Quality
- Ensures validation for all filter combinations
- Ensures higher dashboard and report quality
- Expedites time to market • Improves productivity
- Minimizes cost of BI projects

### Wipro's Approach for Test automation for Data Warehouse Testing

- Data Driven Test approach through automated framework to test the movement of data from source systems to target system using Automated Data Testing tools.
- Fully automated testing framework to compare data at cell level and helps to debug the ETL pipelines using Wipro's VAE Data solution.

- Intentional differences supported through built-in transformation rules.
- Functional Testing of Cloud Platform layers wherever appropriate.
- Creation of automated regression pack
- Wipro's significant automation experience of Data Warehouse scenarios using Selenium, UFT, Java, Python, etc

## Contact Us

Kindly contact at the following Wipro details for any further information and engagement related details:

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## About Wipro Limited

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading technology services and consulting company focused on building innovative solutions that address clients' most complex digital transformation needs. Leveraging our holistic portfolio of capabilities in consulting, design, engineering, and operations, we help clients realize their boldest ambitions and build future-ready, sustainable businesses. With 250,000 employees and business partners across more than 60 countries, we deliver on the promise of helping our clients, colleagues, and communities thrive in an ever-changing world.

