



Let's Solve



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# Accelerated Migration: Oracle to Snowflake with LTI Canvas PolarSled

Oracle has been the pioneer of relational databases and data warehouse, with a legacy spanning over 30+ years. The tight integration of storage & compute for faster data processing has been one of the key differentiators here. Moreover, with volume, veracity & variety of data changing dramatically since the last decade, it has enabled greater possibilities for the next generation. Snowflake, being one of the modern pioneers, has separated storage & compute, and coupled it with instant scaling and flexibility, along with low management cost, to accelerate the migration process.

## About LTI Canvas PolarSled

In order to help businesses transform the current data & analytics landscape to Snowflake, LTI is leveraging its Canvas PolarSled framework for mindful automation. This framework addresses the core challenges of designing, accelerating and governing the data transformation journey, using the pre-built utilities like:



### SmartAnalyzer for Oracle

This tool does landscape analysis and provides insights on the inventory of Oracle. This tool extracts the various database objects and provides insights on complexity of tables, views, stored procedures, etc.

#### Benefits:

**SmartAnalyzer tool reduces the analysis time up to 60%. It can capture a more accurate inventory and provide pre-canned documentation for reports.**



### TableShift for Oracle

This tool migrates table definition from Oracle to Snowflake. Source DDLs are converted to Snowflake DDLs. This tool automatically maps datatypes with Snowflake-compatible datatypes.

#### Benefits:

**TableShift tool reduces the migration time from weeks to minutes, with 100% accuracy.**

**Case Study:** For a leading US-based energy company, 150+ table DDLs were provided. TableShift was able to convert these table DDLs within 15 minutes with 90% accuracy, and without any manual intervention.



## ViewShift for Oracle

This tool migrates the views from Oracle to Snowflake DDLs. This tool automatically maps compatible functions with extensible framework to add new functions.

### Benefits:

**ViewShift tool reduces the migration time from weeks to minutes with 80-90% accuracy.**

**Case Study:** For a leading US-based energy company, 30+ views were provided. ViewShift was able to convert these views within 5 minutes, with 95% accuracy.



## CloudProc for Oracle

This tool migrates and automatically maps the Oracle SQL-based stored procedures to Snowflake JavaScript- based stored procedures.

### Benefits:

**CloudProc tool reduces the migration time from weeks to minutes with 60-70% accuracy.**



## CloudUpload for Oracle

This tool migrates historical data from Oracle to Snowflake. The source data is provided in the form of flat files. This tool encrypts and compresses the data before migration.

### Benefits:

**CloudUpload tool loads the data in parallel, reducing the migration time from days to hours.**

**LTI (NSE: LTI)** is a global technology consulting and digital solutions Company helping more than 400 clients succeed in a converging world. With operations in 31 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 32,000 LTItes enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at <http://www.Ltinfotech.com> or follow us at **@LTI Global**.

