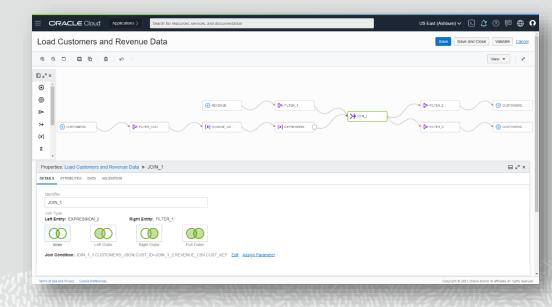
Oracle Cloud Infrastructure (OCI) Data Integration

A cloud native, serverless ETL service for integrating, transforming, and moving data within the OCI ecosystem

- Graphical, code-free designer
- Interactive Data Preparation and Profiling
- Schema evolution protection
- Powered by Spark ETL or E-LT Push-Down





Key Use Cases

Data Integration for Data Lakes & Data Science

Efficiently load and transform data at scale into Data Lakes used for data science and analytics purposes

Data Integration for Data Marts and Analytics

Efficiently load and transform data at scale into Data Marts or Data Warehouses (e.g. Autonomous Data Warehouse) used for analytics purposes

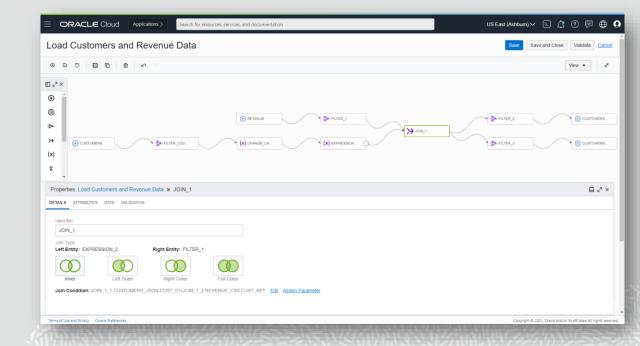


Maximize Developer Productivity

No Code Data Flow Design

- Powerful graphical editor for building Data Flows
- Visually preview data with Data Xplorer
- Parameterize Data Flows for maximum flexibility

- Empowers developers to innovate faster
- Simplified ETL design and maintenance
- Powerful and flexible data integration transformations

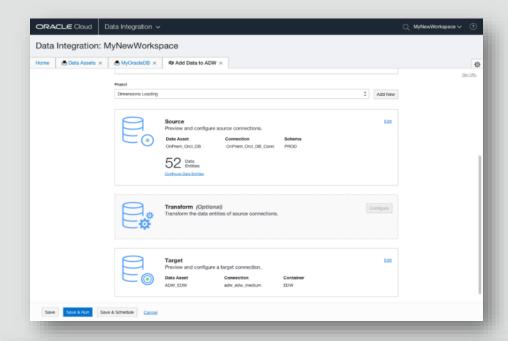


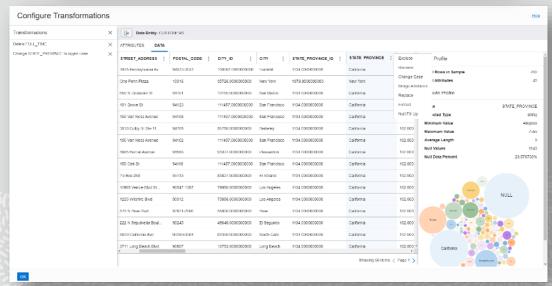


Easily Move and Integrate Your DataGuided Tasks

- Tasks simplify the configuration of data integration processes to deliver value quickly
 - Data Loader Task to prepare and transform data sets iteratively using Data Xplorer
 - Integration Task to configure & run Data Flows

- Boost productivity & load data in a few minutes
- Promote best practices and reuse data flow rules





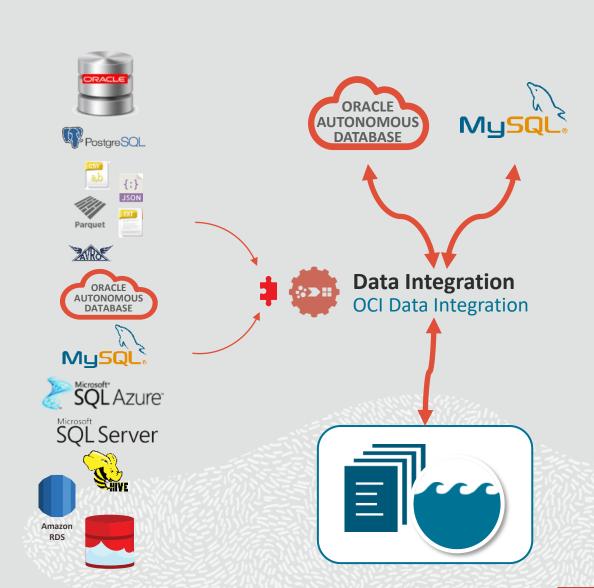


Broad Connectivity

Optimized for Oracle Cloud

- Secure public or private access even on-premises
- Optimized connectivity for
 - Oracle Autonomous Database (ADW/ATP)
 - Oracle Database & Exadata DB Systems
 - Oracle Object Storage: CSV, JSON, Parquet, Avro
 - MySQL / PostgreSQL / Apache Hive
 - Microsoft SQL Server & Azure SQL Database
 - Amazon RDS (MySQL, Oracle, Microsoft SQL Server)
 - Oracle Fusion Applications

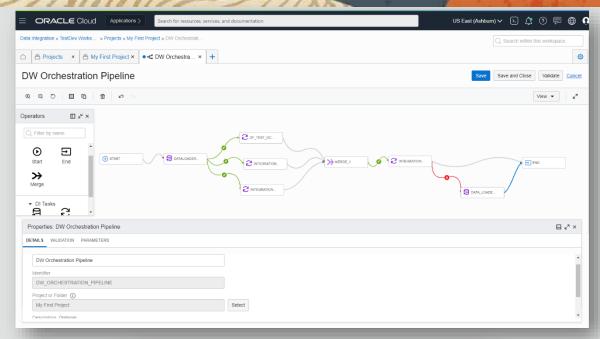
- Best in class connectivity for Oracle Cloud
- Expanding set of easy-to-use native adapters

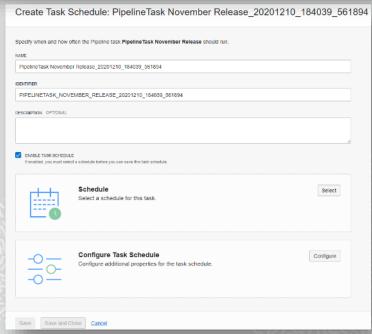




Pipeline & Scheduling

- Design Pipelines to run your Data and Al processes end-to-end with Data Integration tasks along with Data Flow applications and Data Science models invocation
- Create sequential or parallel executions, add conditional links and retry logic to handle errors
- Schedule executions to run hourly, daily, monthly and more





More Time to Innovate and Improve Your Business

Schema Drift Protection

- Schema evolution (drift) often invalidates processes,
 requiring costly manual maintenance
- Rule-based design protects from schema drift by handling schema changes dynamically

- Minimize development costs with simpler maintenance
- Free up developer time to get more value from data

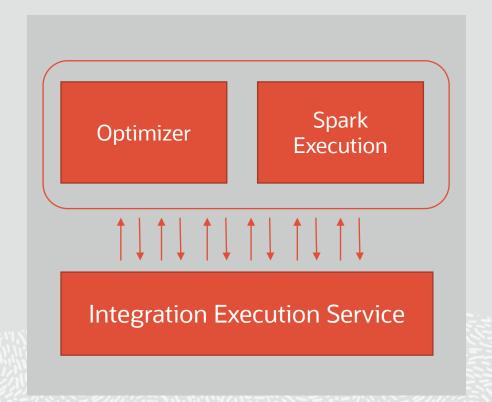


Industry Leading Performance

Powered by Spark ETL or SQL Push-Down

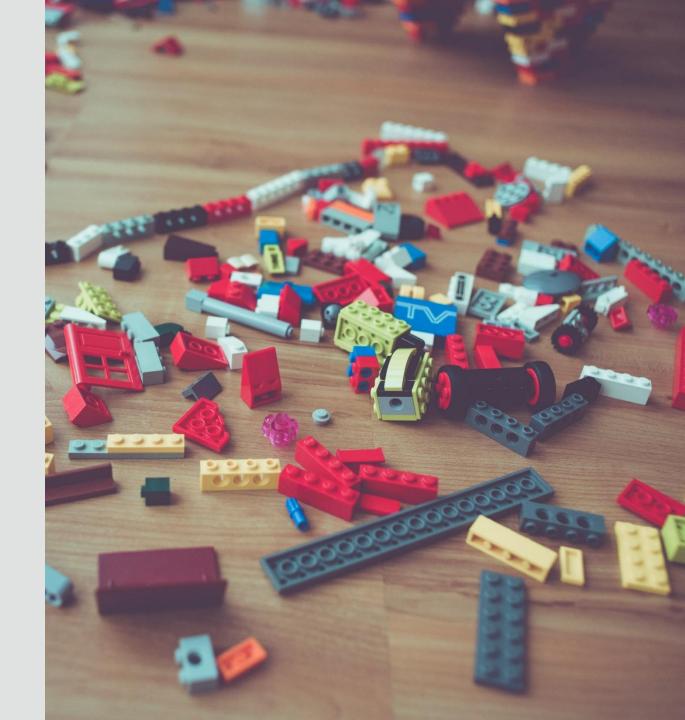
- Supports both ETL and E-LT processing
- Generates executable code for the best engine
 - Spark-based ETL for distributed data processing
 - Push-down optimization for E-LT processing on DBMS engines

- Highly efficient execution to process data at scale
- Fully managed serverless runtime



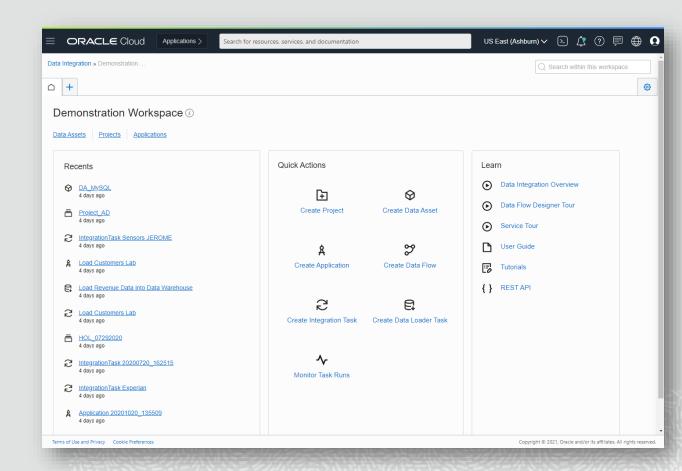


OCI Data Integration User Experience



Home

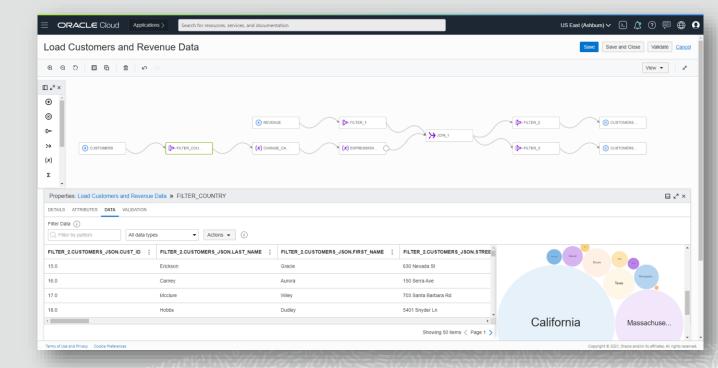
- Landing page for Data Integration
 Workspaces
- Quickly create new Data Assets, new
 Tasks or Data Integration Flows using
 Quick Actions tile
- Navigate to your Projects, Data Assets and Applications
- Use Recents to go back to items you were working on





Data Flows

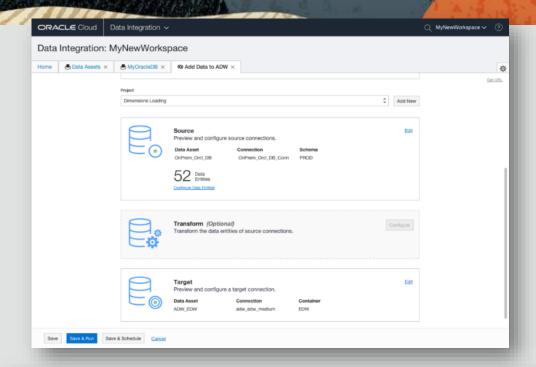
- Powerful Data Integration Flow Editor
- Quickly create simple to complex ETL processes with Joins, Filters or Aggregate Functions
- Native schema drift handling
- Immersive Data Xplorer to preview transformation results

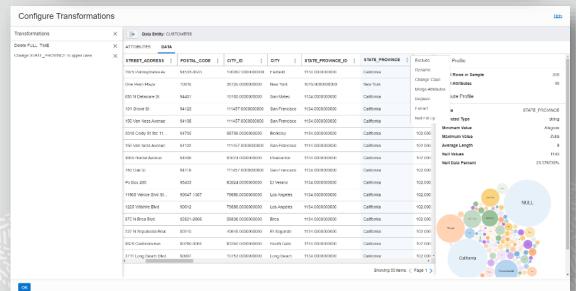




Tasks

- Prepare, Integrate or Load Data easily using Tasks
- Configure processes for Autonomous
 Databases or Object Storage Data Lakes
 in a few clicks using powerful data
 preparation transformations
- Augment Data Integration Flows with advanced parameters

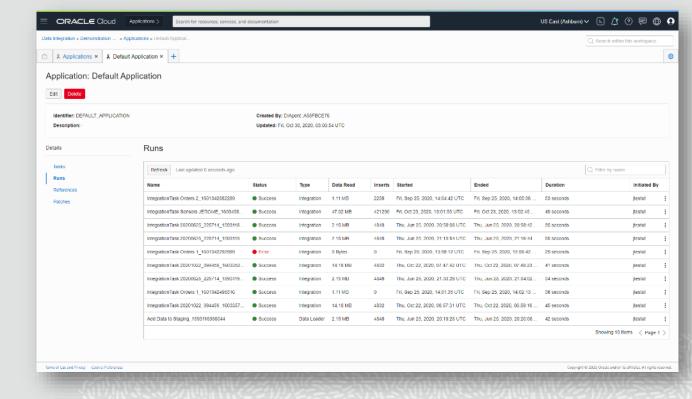






Applications

- Publish Tasks into Applications to execute them
- Iterate on your data integration processes without impacting runtime operations
- Configure your Tasks with runtime configuration
- Monitor your Task Runs





Vision

Broad Connectivity

- SaaS Apps
- HeterogeneousCloud Databases
- Big Data
- More on-premises data sources

Enterprise Class

- Breadth of ETL operators
- Lifecycle management / CICD
- OCI ecosystem integration

Performance & Scalability

- Scale in & out
- Advanced hybrid execution

Intelligence & Innovation

- Guided Machine Learning based integrations
- Data exploration
- Integrated data quality & profiling
- Streaming



