

# Database Evolution Powered by SQL Polyglot

Save on legacy costs by adopting open databases in half the time with Generative AI

## Freedom from Licensing 2-3x faster

Nearly every IT team wants to reduce their database licensing costs. However, with the complexity and scale of database migrations, especially those reliant on stored procedures, many can't afford to move. Tools like the AWS Schema Conversion Tool (SCT) help automate a portion of the conversion, but still require manual intervention by experts, extending payoff timelines. Caylent's SQL Polyglot accelerator builds on SCT to address this challenge through the use of Generative AI to convert stored procedures and functions, test them against a live database, correct errors, and iterate until they work correctly.

## Our Pragmatic Approach

**Assess** - Review RDBMS environments and related critical functionality to identify modernization roadblocks and estimate SQL Polyglot acceleration.

**Plan** - Demonstrate SQL Polyglot capabilities on your stored procedures and develop a strategic migration plan tailored to your specific needs.

**Act** - Run the full conversion of code. Caylent's Do With approach bridges knowledge gaps and ensures successful deployment.

## Customer Success

### Online Education Provider

SQL Polyglot automated the conversion of **90% of 2.5K** Microsoft SQL Server stored procedures to Postgres, **reducing migration efforts by 4x**, breaking through concerns about high manual conversion costs.

### Integration Software Provider

Developed an AI solution that automated schema translation between banking core platforms, significantly reducing onboarding time and allowing more time to focus on new features and functionality instead of manual data mapping processes.

## From Idea to Impact

### Differentiators

- **Confident Acceleration:** Leverage the power of Generative AI to reduce work by 2-3x and accurately execute the end-to-end migration.
- **Secure Execution Options:** Terraform automates the SQL Polyglot deployment into your account for data security, or we can use our environment if you don't have one.
- **Technology + Expertise:** Caylent performs hundreds of database migrations every year; our teams are ready to handle the complex edge cases that generative AI can't.

### Deliverables

- **Operational Open Database:** Our process leaves you with a working Aurora or Redshift database integrated into your environment.
- **Translation Test Results:** We will share the results of our automated data testing so you can analyze the accuracy of translation.
- **Documentation & Training:** We provide comprehensive operational documentation & partner with AWS to bring your team up to speed on your new database platform.