Toad 101 Series

Episode 1

Exploring Toad's New Generation: Which One Is Right for You?

Mathew Phan

Solutions Consultant

mathew.phan@quest.com

Quest

Where Next Meets Now.

Agenda

1. Common Toad users
2. How people use Toad
3. The next generation of Toad
4. The right Toad for the right job
5. New features in your Toad

Traditional Toad Users

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Who uses Toad

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Toad is a critical component in many people's job role

Database Administrators

Database Developers

Data Analysts

Toad for Oracle – The Original T.O.A.D.

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- Toad for Oracle was designed originally for developers
- DBA features added over the years
- Leader in Oracle database management and development
- Bundles
  - Developers focused - Code review, SQL Optimization, code testing, load testing
  - DBA focused - Diagnostics, load testing, modeling
- Toad for Oracle on Mac just released
- Subscription models
- Sensitive Data Awareness
- AI Enabled Toad

Which Toad for Oracle

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	Base	Pro	Xpert	Developer	DBA
Sensitive Data Awareness		X	X	X	X
Sensitive Data Protection*		X	X	X	X
utPLSQL unit testing (supports DevOps)	X	X	X	X	X
SQL editor	X	X	X	X	X
Query builder	X	X	X	X	X
Schema/data compare	X	X	X	X	X
Automation	X	X	X	X	X
Debugger/profiler	X	X	X	X	X
Data generation		X	X	X	X
Code quality analysis and reporting		X	X	X	X
SQL optimization (SQL Optimizer)			X	X	X
PL/SQL unit testing (Code Tester)				X	
Performance/benchmark testing (Benchmark Factory)				X	X
Data modeling					X
Database health checks and many other advanced functions (DB Admin Module)					X
Predictive diagnostics (Spotlight)					X

* Sensitive Data Protection is available for a separate license fee.

Toad's Evolution

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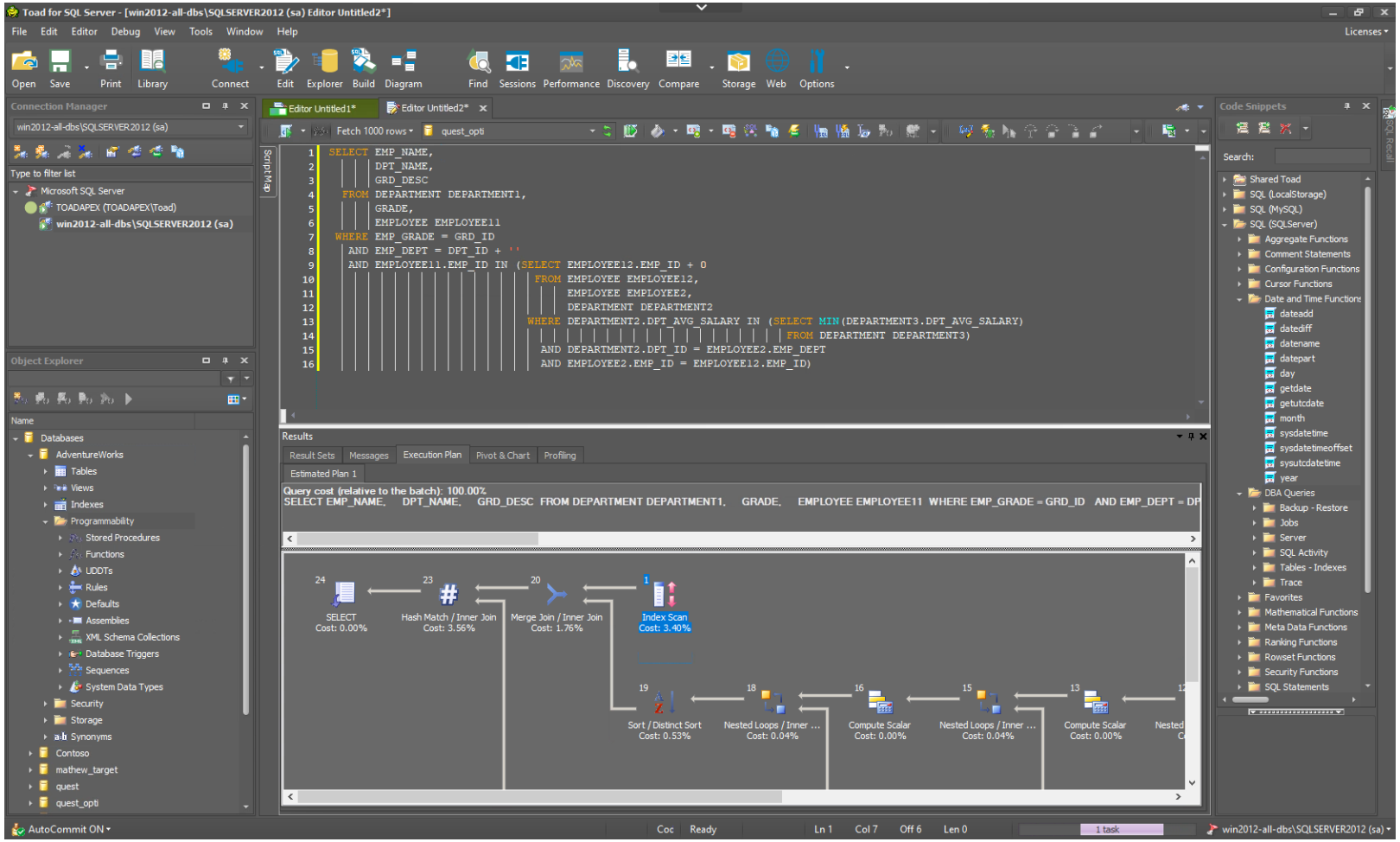
Toad for Other Database Platforms

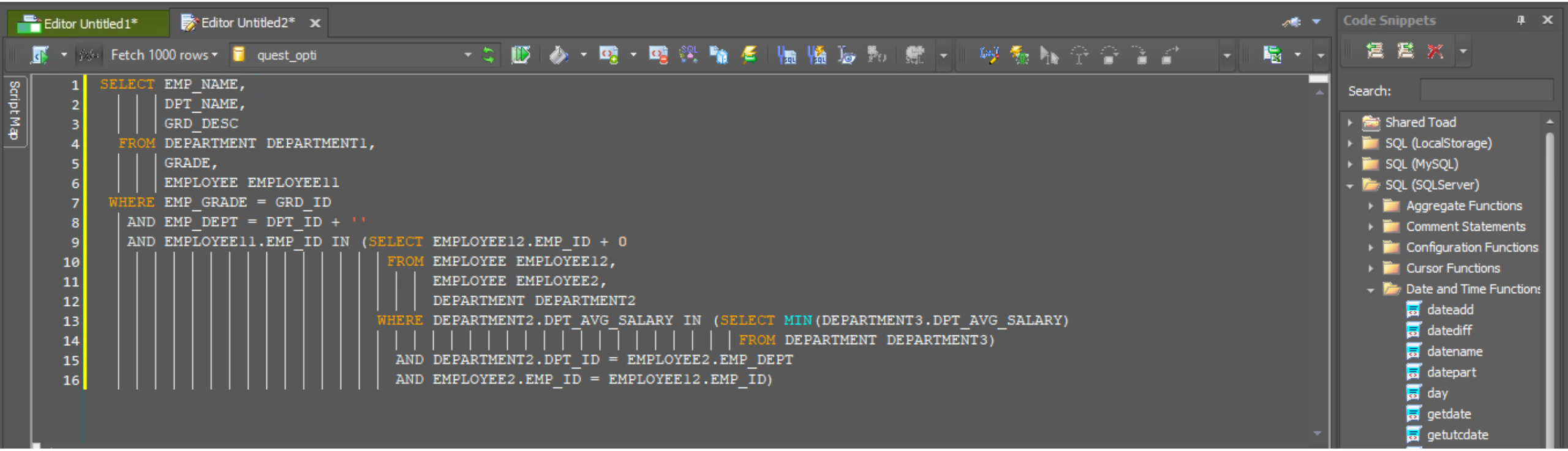


For Developers and DBAs:

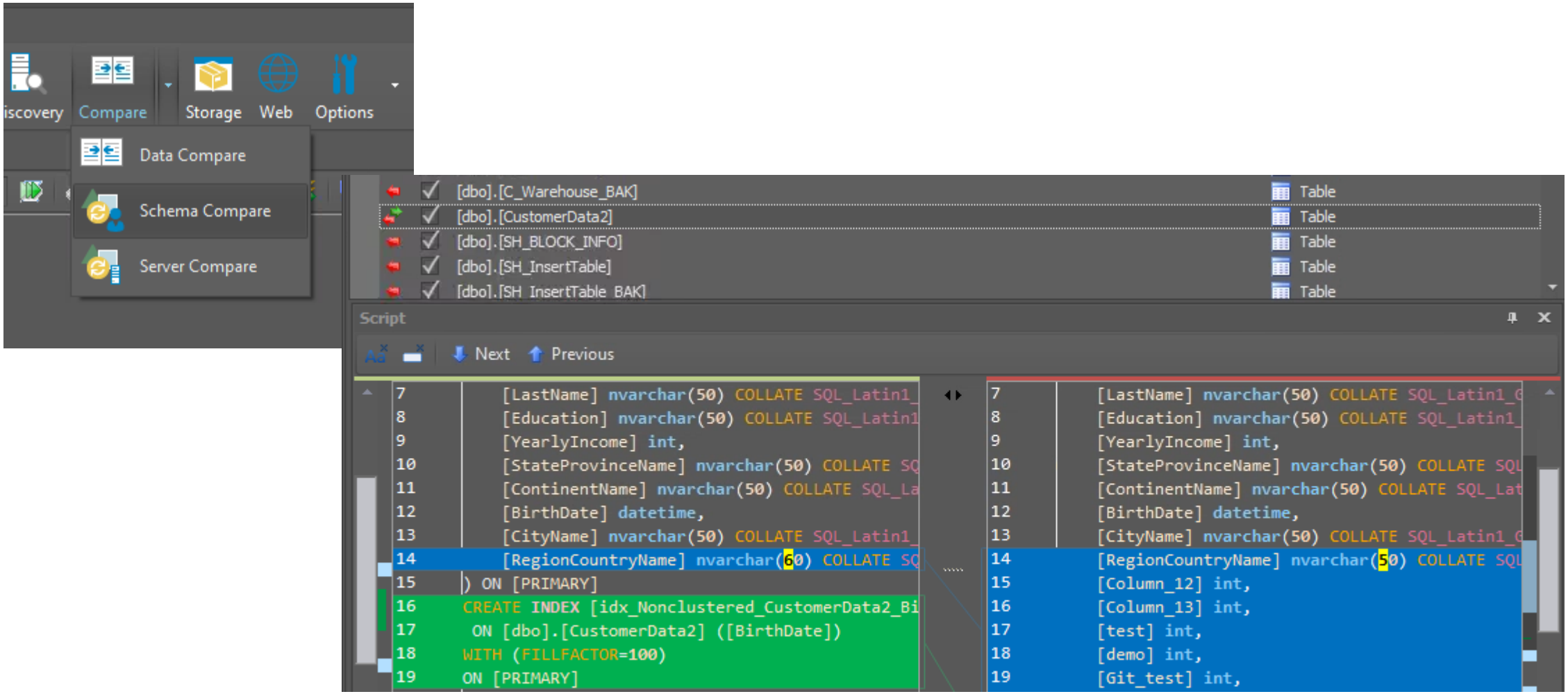
Many of the same features of Toad for Oracle

- SQL Server
- DB2
- SAP Databases
  - ASE
  - SQL IQ
  - SQL Anywhere
  - HANA

Powerful Editors and Browsers



Data, Schema, Server Compare Tools



SQL Optimizers for Other Databases

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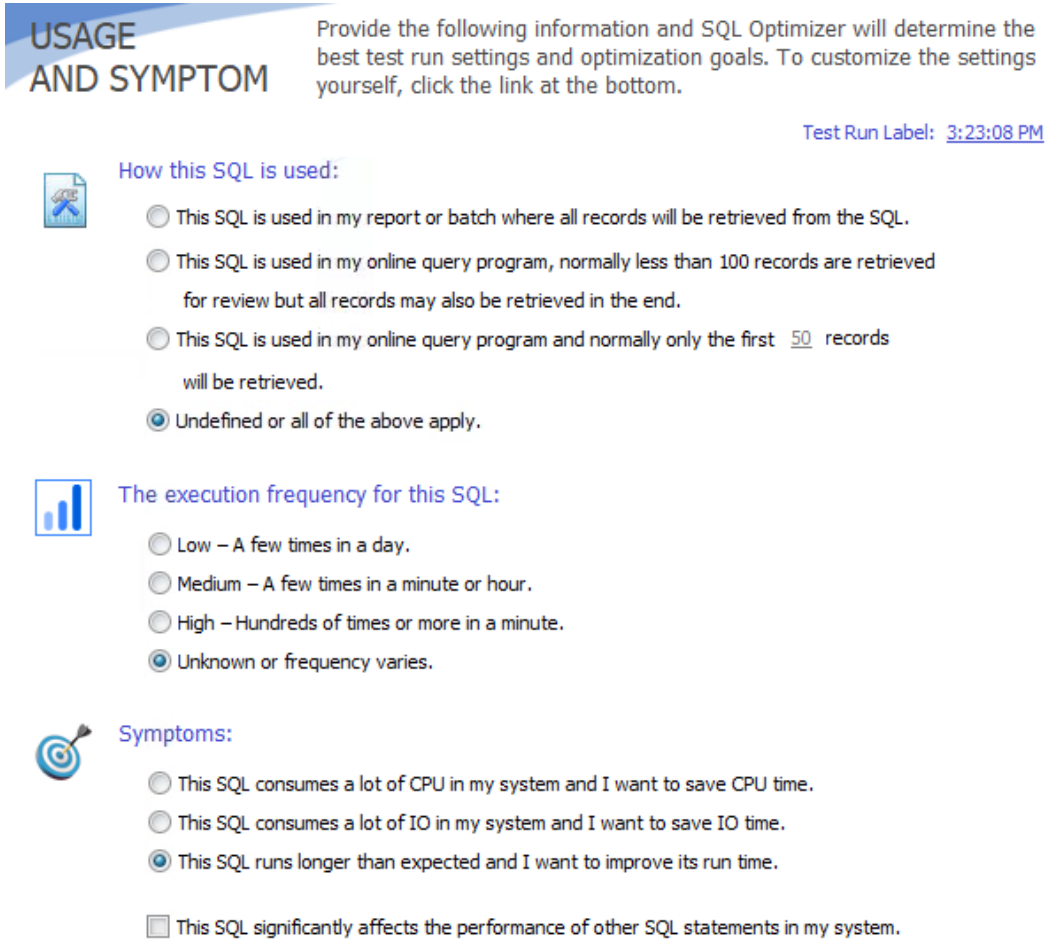
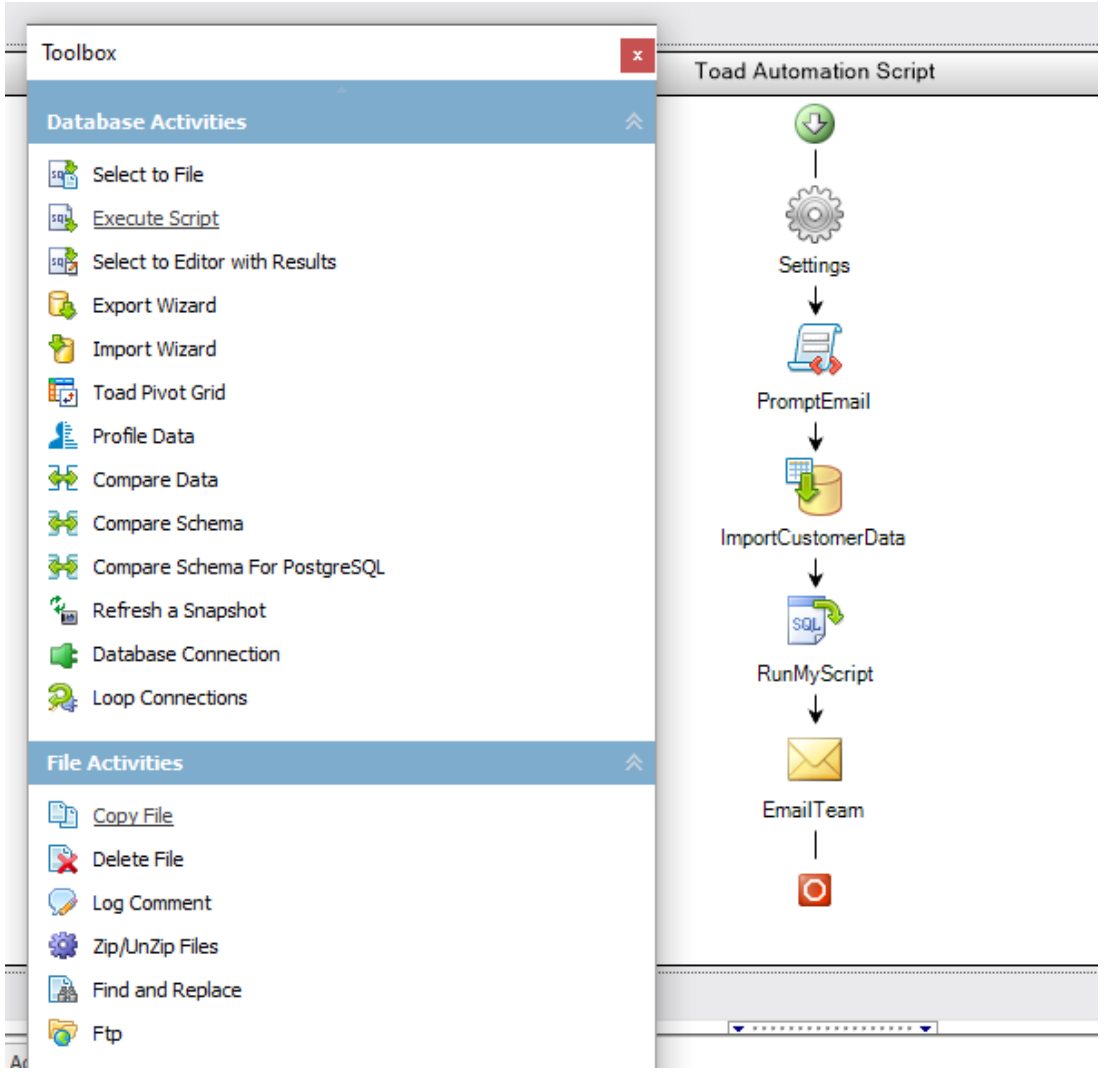
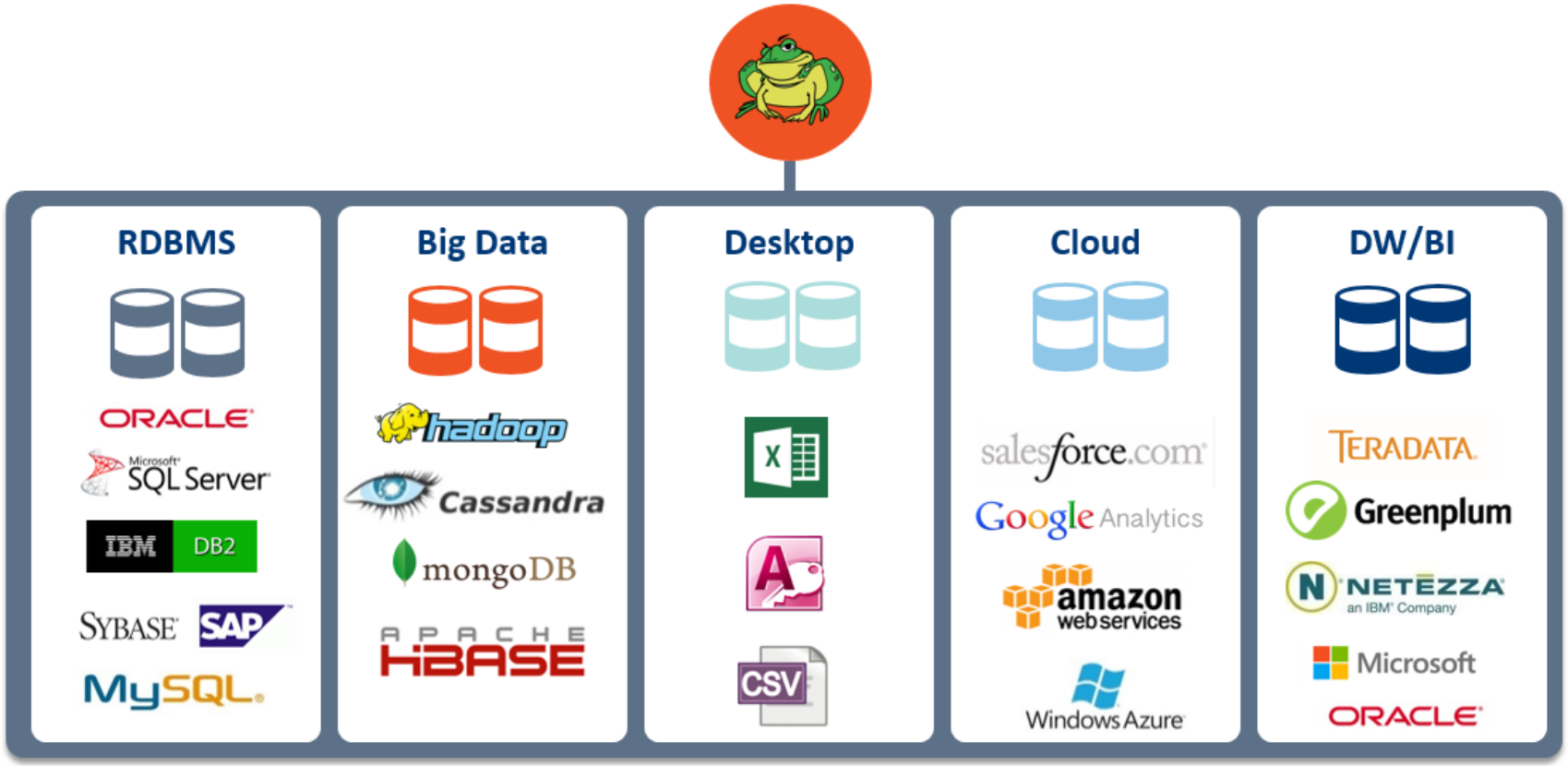


Automation Workflows



The Next Generation of Toad

- Toad Data Point and Toad Data Studio
- For the Data Analyst or Hybrid Data Engineer
- Database Platform agnostic
- Cross platform capabilities
- Cloud and NoSQL ready



Toad Data Point

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Toad Data Point – For the Data Analyst

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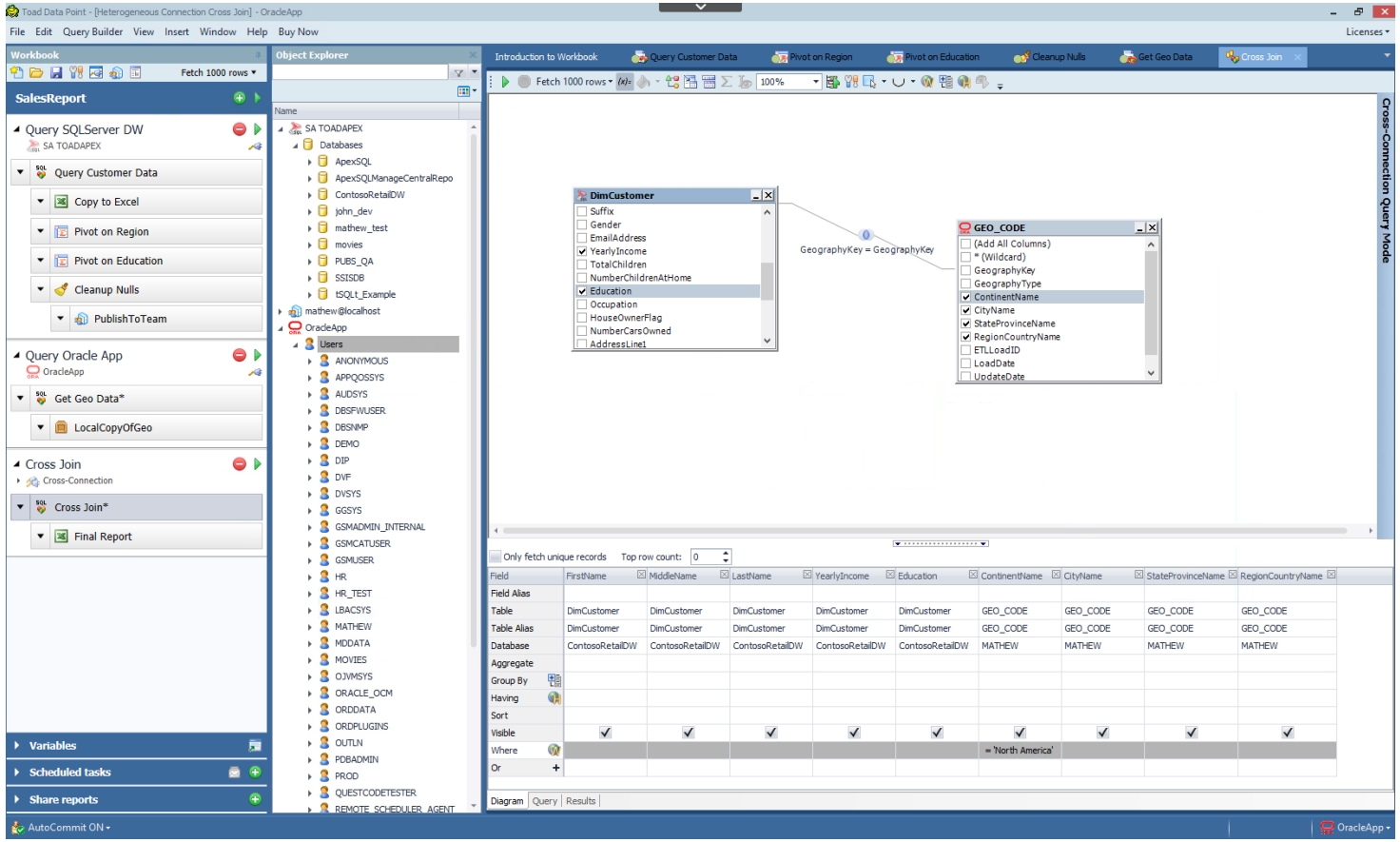
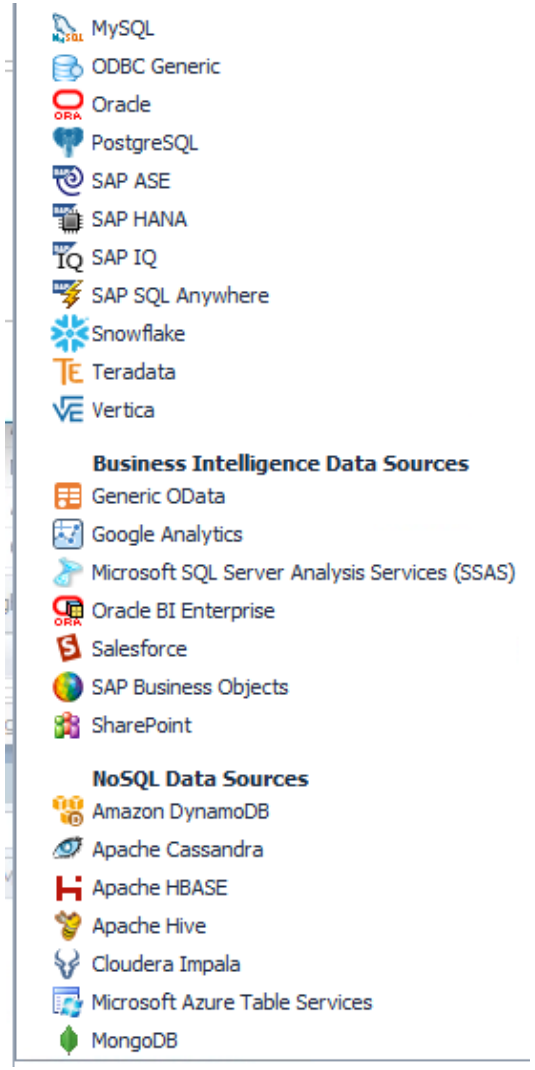
Focused on Data Analysts' tasks, connects to…

- Traditional relational databases
- Data Warehouses
- Cloud and on premises
- Business intelligence platforms
- NoSQL platforms



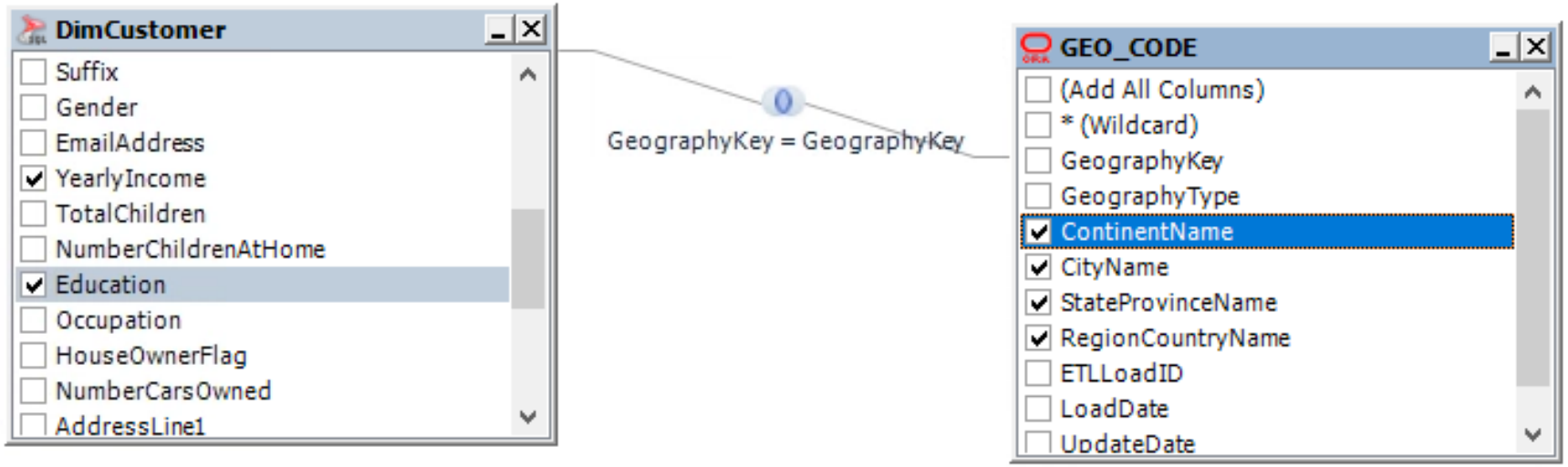
Toad Data Point – Multiplatform Support



Single User Interface connects to…

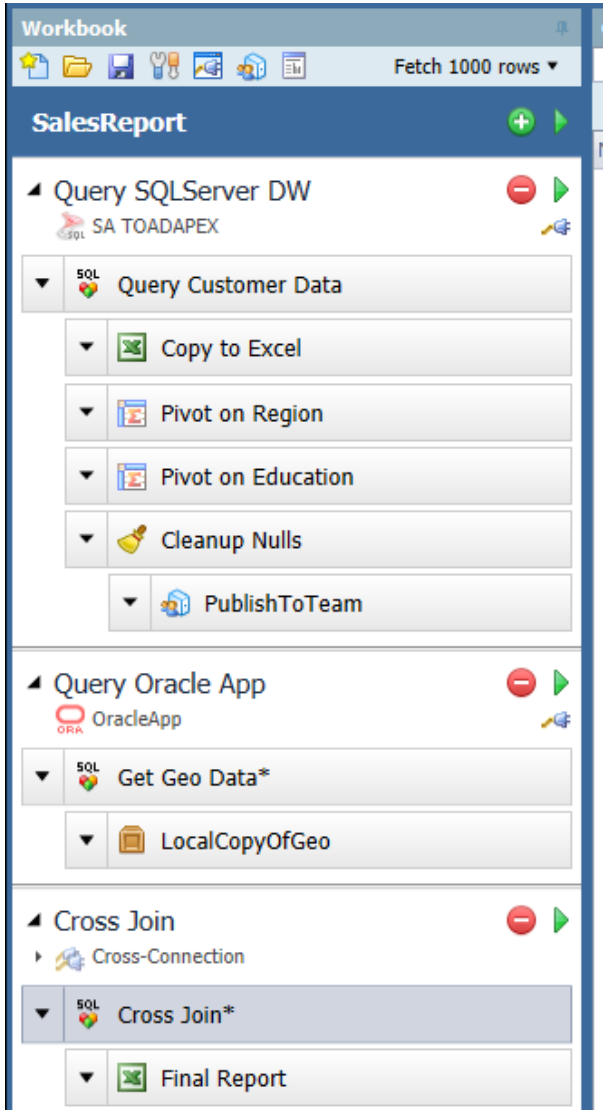
- Traditional relational databases
- Data Warehouses
- Cloud and on premises
- Business intelligence platforms
- NoSQL platforms

Toad Data Point – Cross Platform Queries

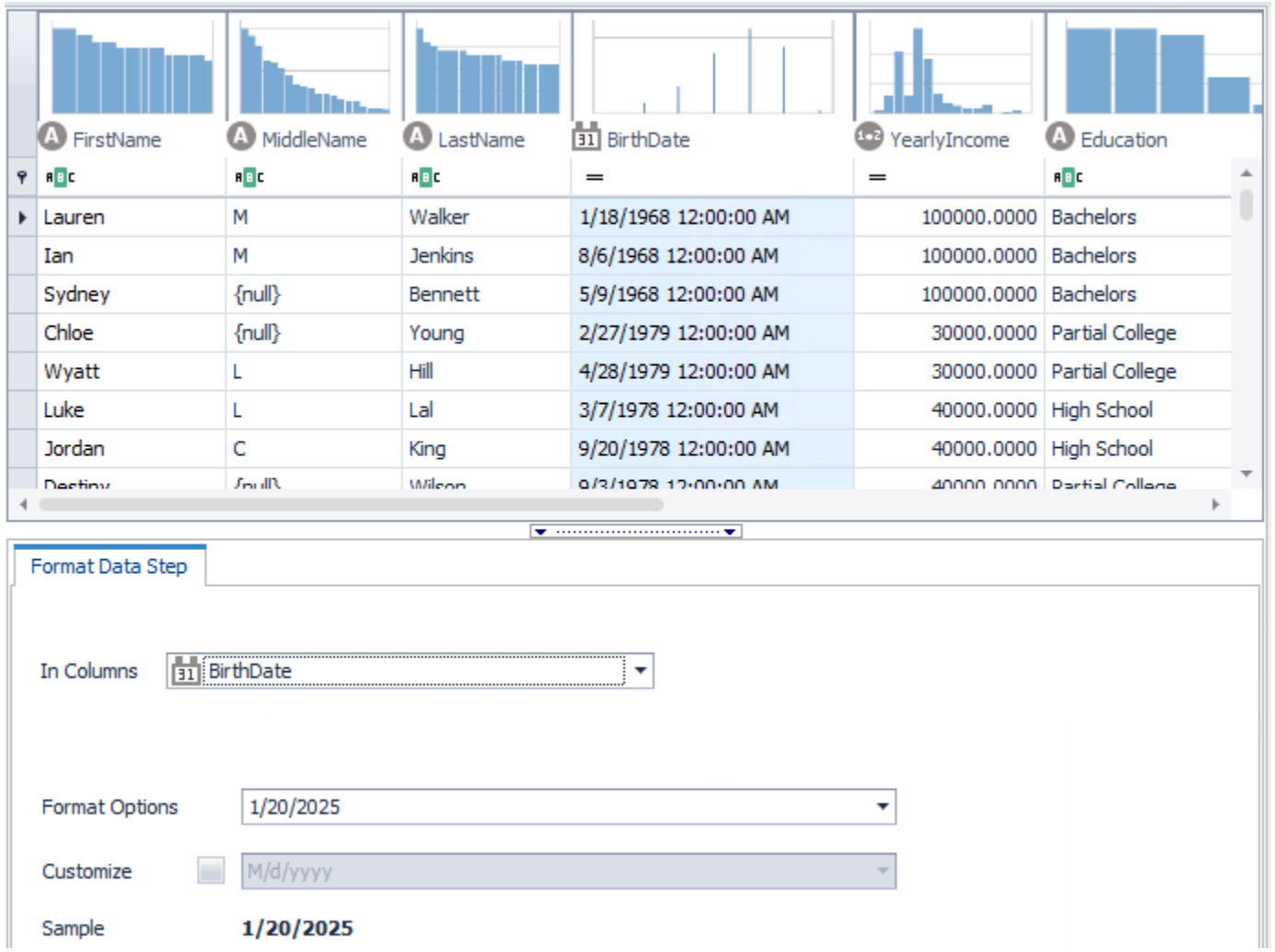


FirstName	MiddleName	LastName	YearlyIncome	Education	ContinentName	CityName	StateProvinceName	RegionCountryName
Lauren	M	Walker	100000.0000	Bachelors	North America	Bremerton	Washington	United States
Ian	M	Jenkins	100000.0000	Bachelors	North America	Lebanon	Oregon	United States
Sydney	{null}	Bennett	100000.0000	Bachelors	North America	Redmond	Washington	United States
Chloe	{null}	Young	30000.0000	Partial College	North America	Burbank	California	United States
Wyatt	L	Hill	30000.0000	Partial College	North America	Imperial Beach	California	United States
Luke	L	Lal	40000.0000	High School	North America	Langley	British Columbia	Canada
Jordan	C	King	40000.0000	High School	North America	Metchosin	British Columbia	Canada
Destiny	{null}	Wilson	40000.0000	Partial College	North America	Beaverton	Oregon	United States
Ethan	G	Zhang	40000.0000	Partial College	North America	Bellingham	Washington	United States

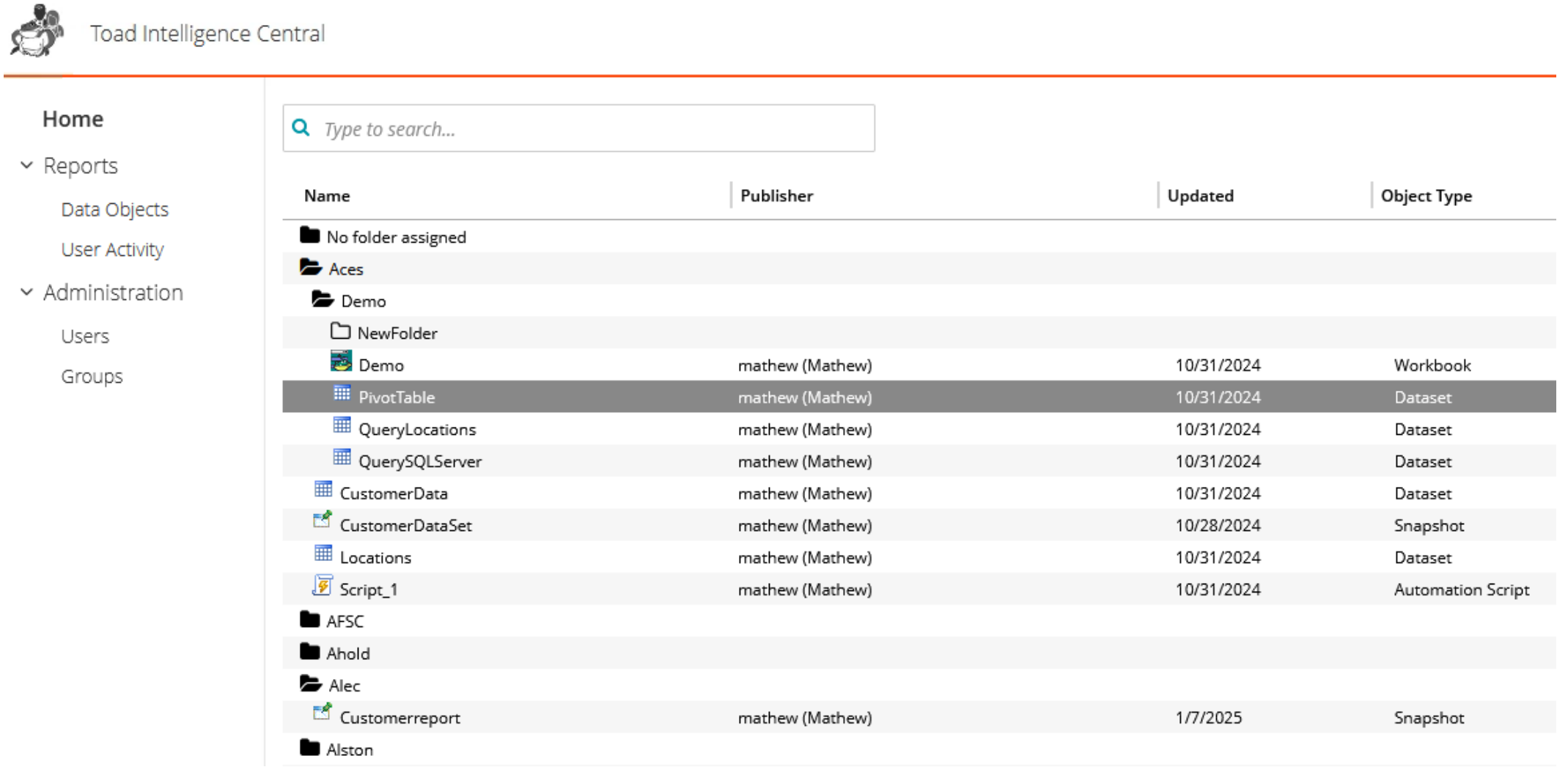
Toad Data Point – Streamlined Workflow



Toad Data Point – Transform and Cleanse



Toad Data Point – Server Collaboration



Toad Data Studio

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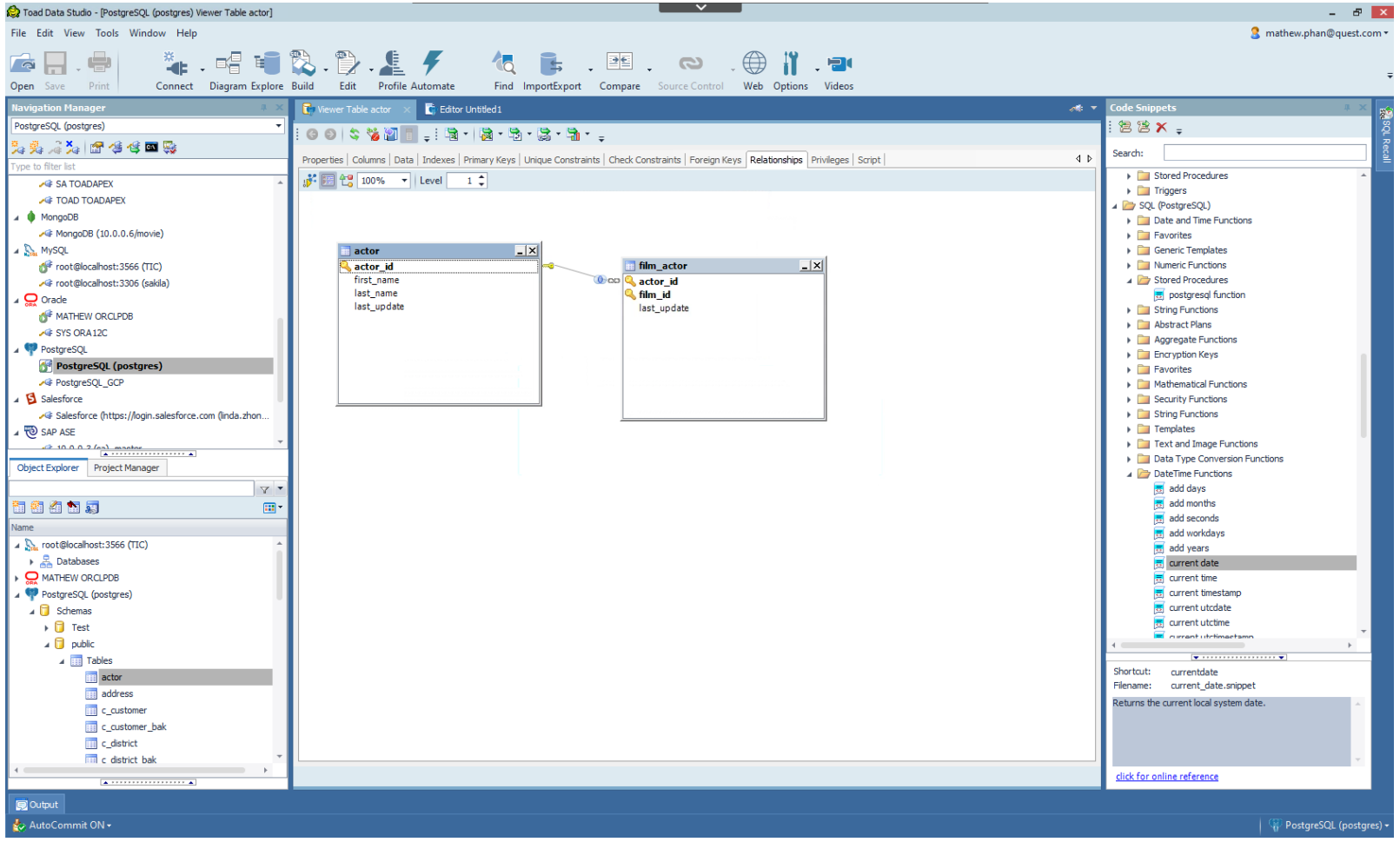
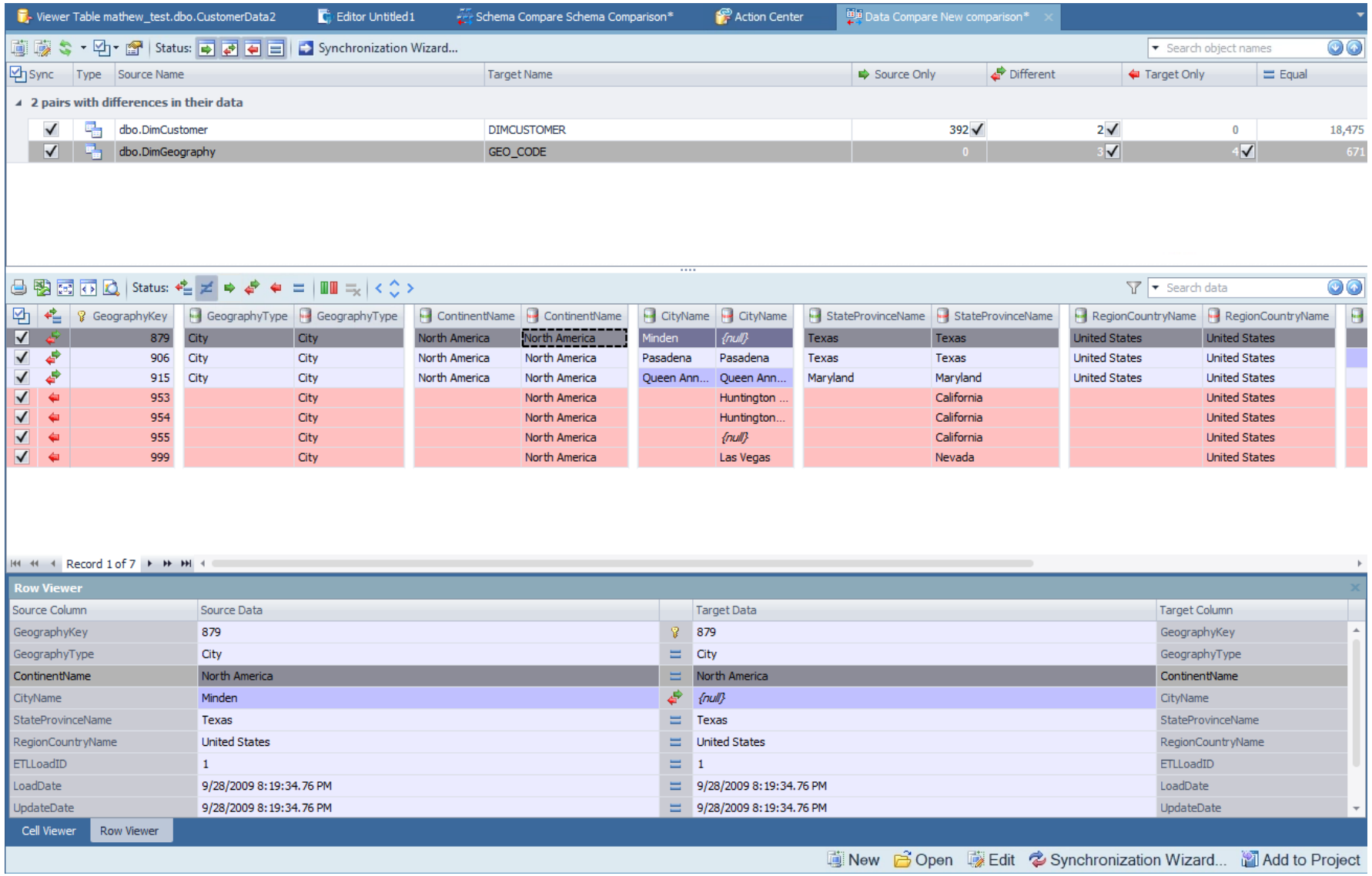
Toad Data Studio – For Technical Users

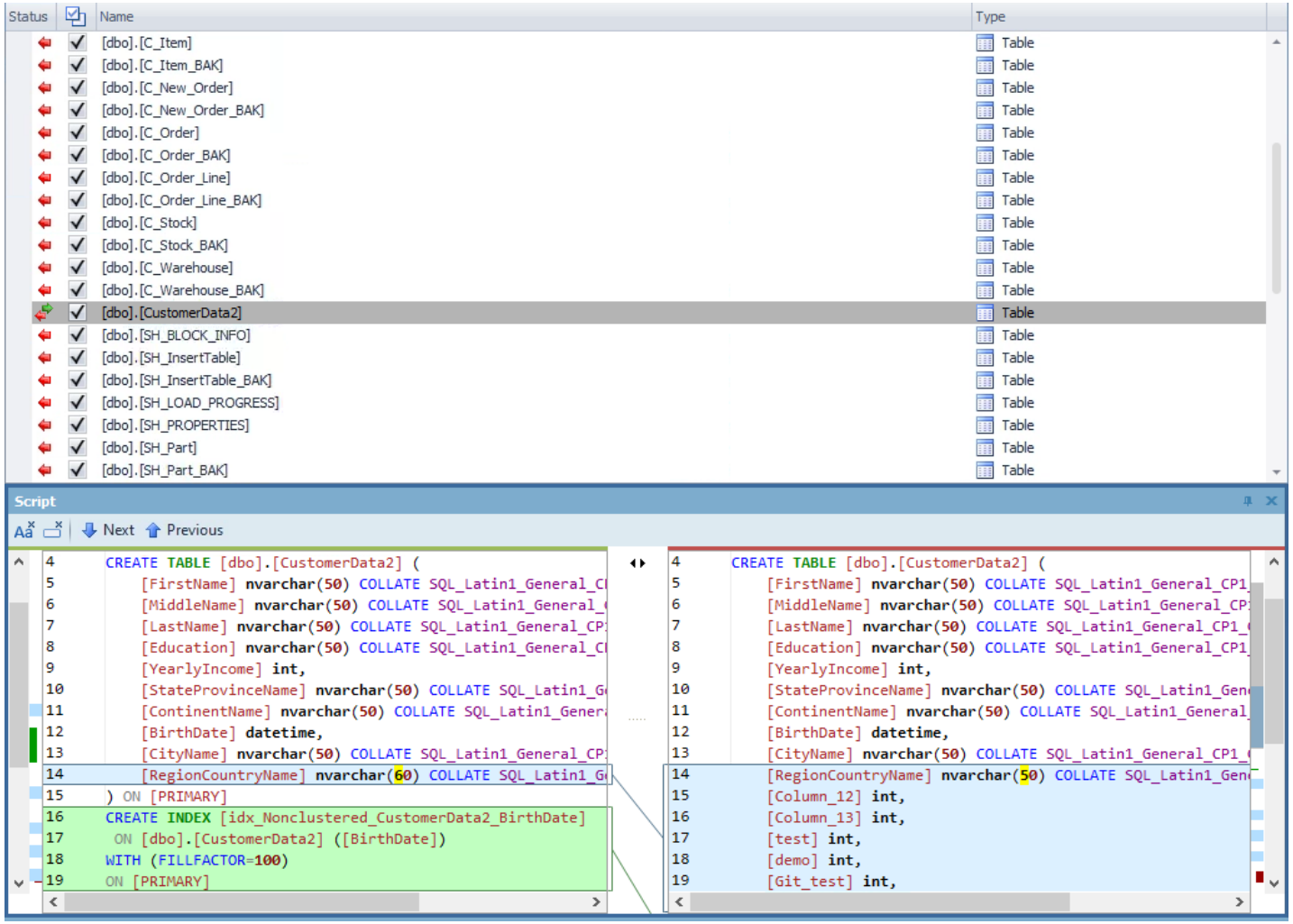
- Hybrid data professional, the accidental DBA, multi-platform data engineer
- Cross platform querying support
- Multiplatform Data Compare, Schema compare
- Integration with version control
- JSON support
- Automation and scheduling



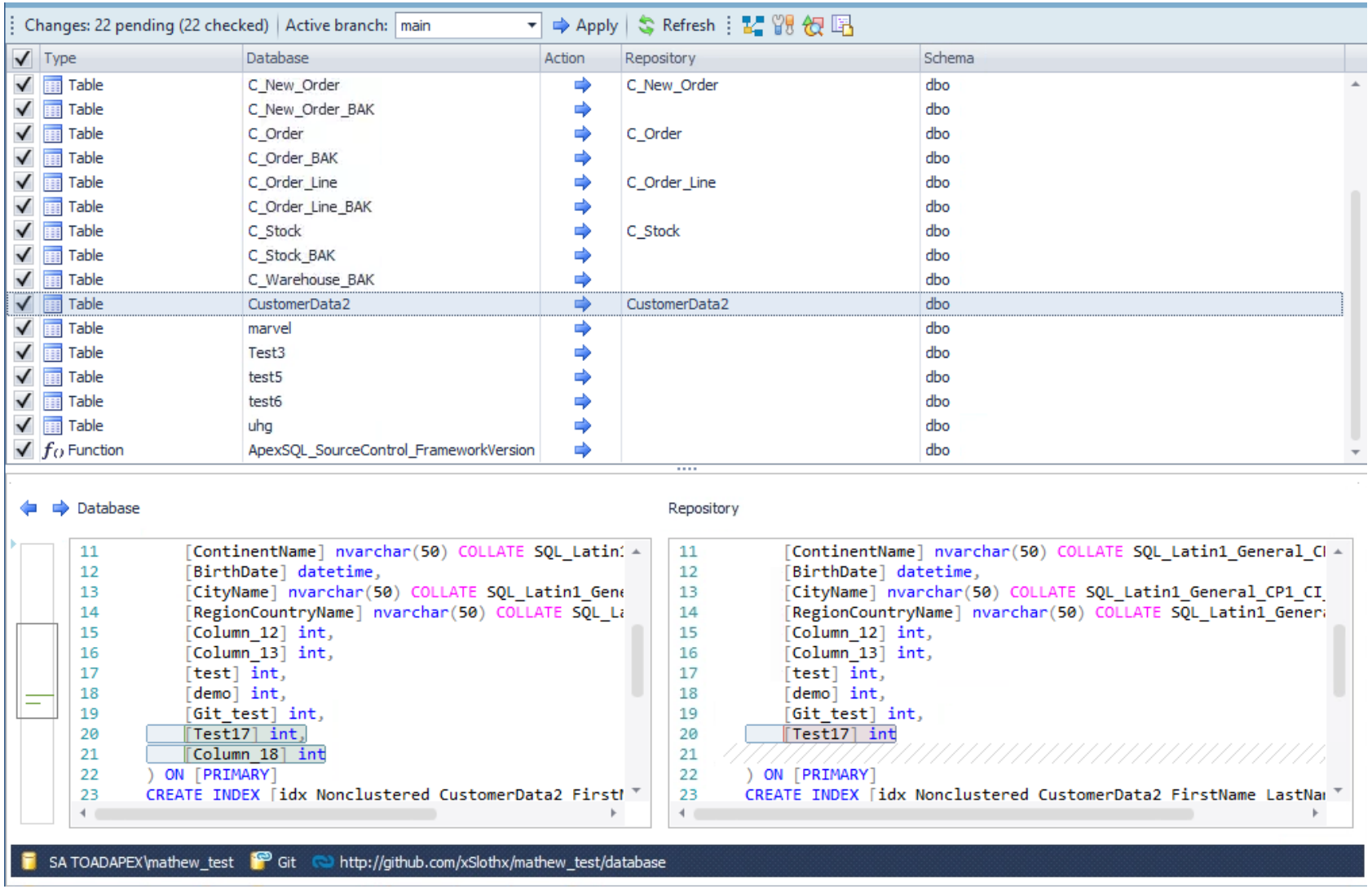
Toad Data Studio – Data Compare



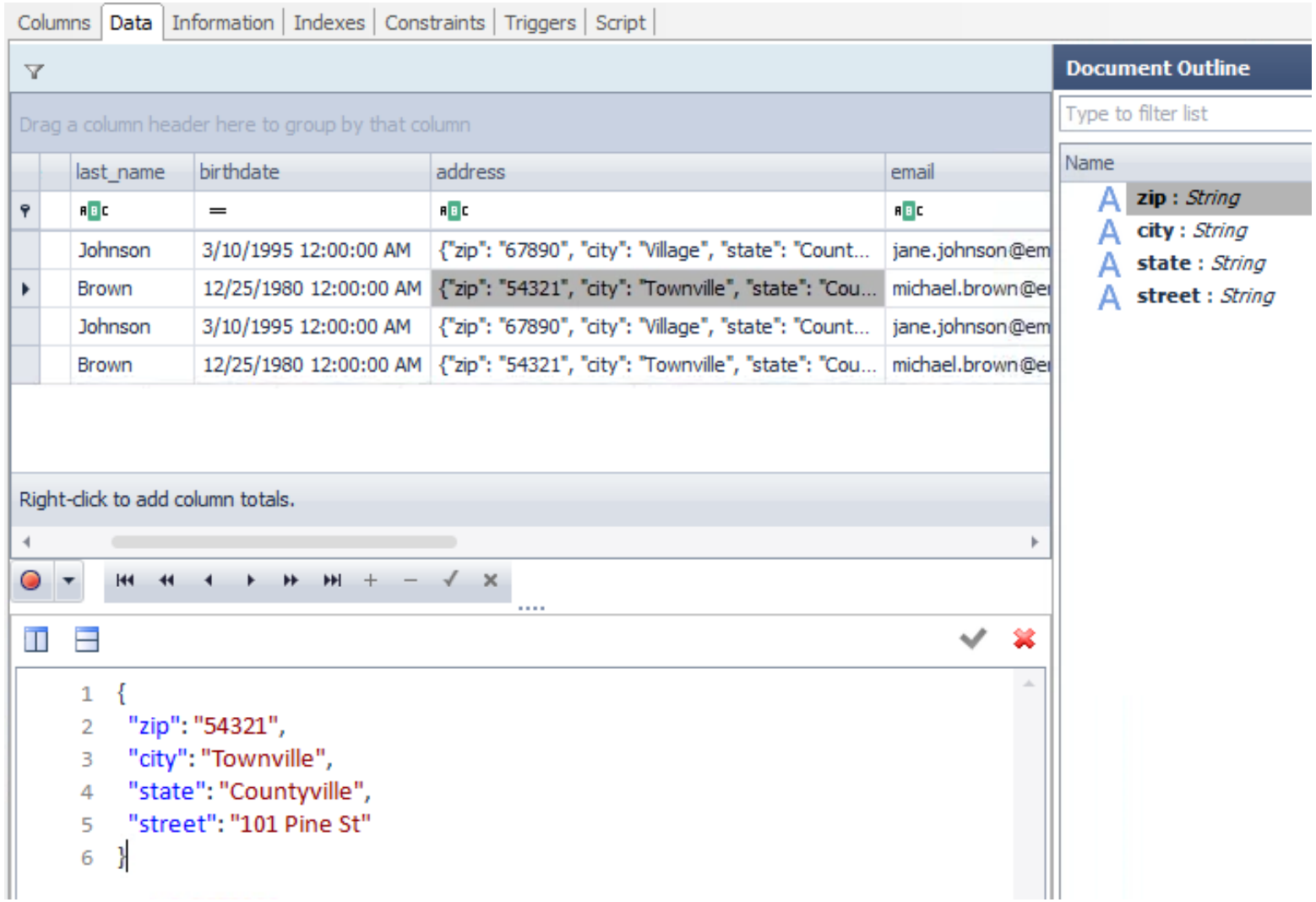
Toad Data Studio – Schema Compare



Toad Data Studio – Version Control



Toad Data Studio – JSON Support



Which Toad is for you?

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Traditional DBAs
Database Developers

Toad for Oracle
Toad for SQL Server
Toad for DB2
Toad for SAP Databases

Data Engineer
Technical Data Professional
Hybrid DBA

Toad Data Studio

Data Analysts
Business Users

Toad Data Point

But Wait…. There’s More!

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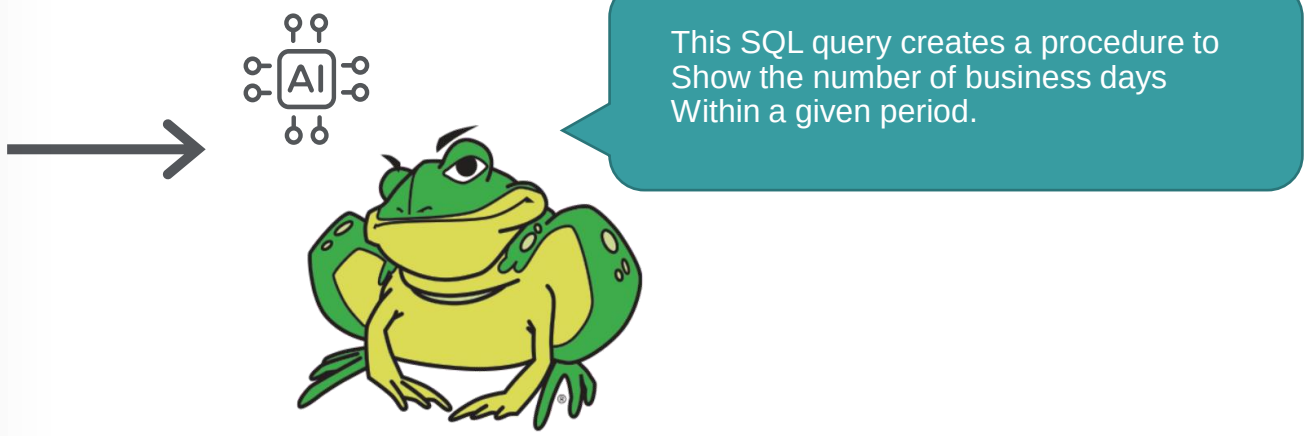
What's Next…

AI Enabled Toads

```
CREATE OR REPLACE PROCEDURE show_bizdays (
     date_in   IN DATE     DEFAULLT SYSDATE,
     day_in    IN NUMBER   DEFAULT 30)
AS
     v_day_type CHAR(1);
     v_start DATE : = date_in;
     v_count NUMBER :- 1;
BEGIN
     WHILE v_countr < day_in + 1
     LOOP
               SELECT SUBSTR(TO_CHAR(v_start, 'DAY'), 0, 1)
               INTO v_day_type
               FROM dual;
               IF v_day_type = "s" THEN
               v_start :- v_start + 2;
          ELSE
               DBMS_OUTPUT.PUT_LINE ('The index is : ' || v_count ||
               ' and the table value is: ' || v_start);
               v_count :- v_count + 1;
               v_start : = v_start -1;
     END IF;
     END LOOP;
END
```



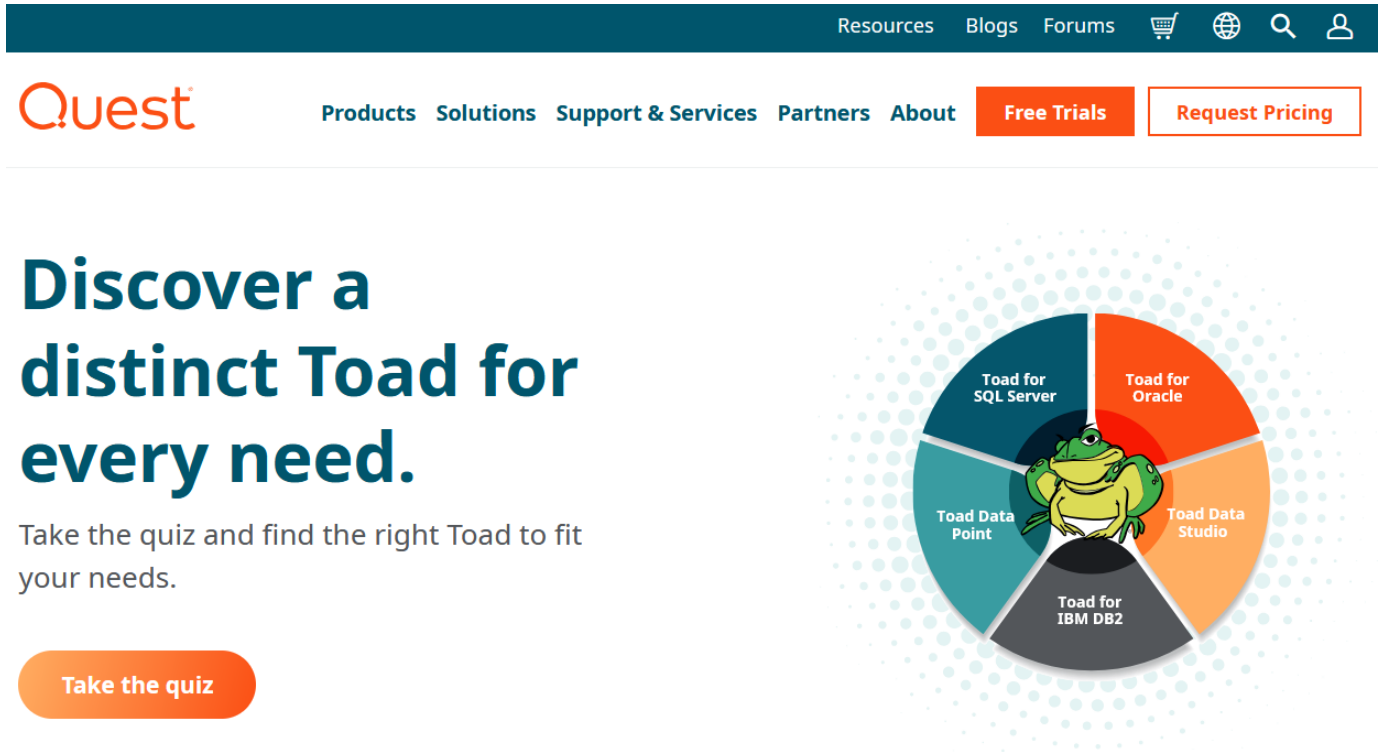
What's Next…

- AI Explain and more to come
- Support for more platforms
- Integration points to Erwin Data Intelligence and Data Modeling

BigQuery

Where to Learn More

- www.quest.com/toad
- www.toadworld.com
- www.sqlshack.com



Looking Forward to Seeing You There!

Skills 101 – Toad

Episode 2

Top 5 Features You'll Wish You Knew Sooner

April 16th, 2025

Dennis O'Sullivan

Solutions Consultantz

www.quest.com/data-management-skills-training

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Where Next Meets Now.