Here are the tools my QA team uses for database unit testing

Data Factory

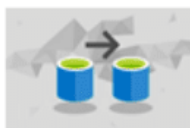Data Factory is an innovative software that offers a user-friendly interface in QA.

INGEST

- Multi-cloud and on-prem hybrid copy data
- 90+ native connectors
- Serverless and auto-scale
- Use wizard for quick copy jobs

CONTROL FLOW

- Design code-free data pipelines
- Generate pipelines via SDK
- Utilize workflow constructs: loops, branches, conditional execution, variables, parameters, ...

DATA FLOW

- Code-free data transformations that execute in Spark
- Scale-out with Azure Integration Runtimes
- Generate data flows via SDK
- Designers for data engineers and data analysts

SCHEDULE

- Build and maintain operational schedules for your data pipelines
- Wall clock, event-based, tumbling windows, chained

MONITOR

- View active executions and pipeline history
- Detail activity and data flow executions
- Establish alerts and notifications

Data Factory
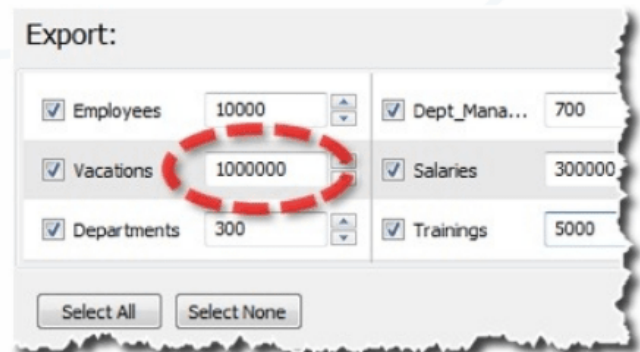
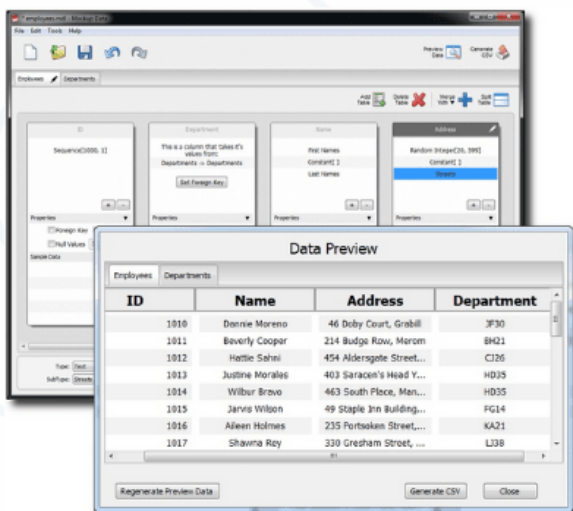The tool can easily handle working with big data.

BUT KEEP IN MIND it's not the best option for small projects, and it requires more time to upload files than other service providers.

Mockup Data

Mockup Data provides automated functionalities to users, which allow us to get better results. The user-friendly UI of the instrument made it one of the most popular in the market.
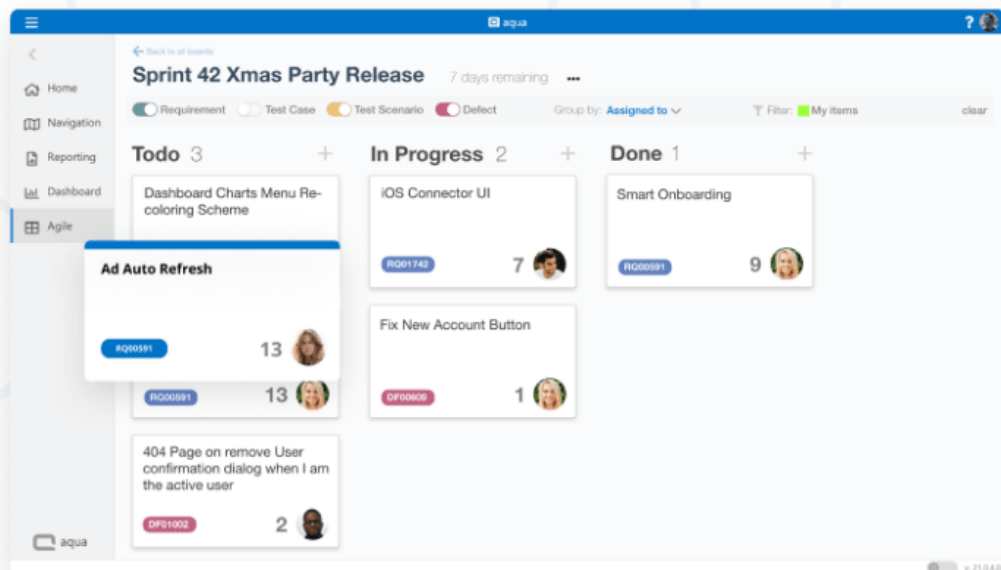
Mockup Data

The tool's benefits:

- ✓ easy to access
- ✓ multiple output formats available for different needs
- ✓ automation techniques used in the process give a better result than manual work.

aqua ALM

aqua ALM unifies testing: we can plan better, reuse test cases & resources, efficiently automate testing. This speeds up releases

aqua ALM

Real-time analytics & enterprise-level reports give clarity over QA & dev workflows: we see what to improve & automate.
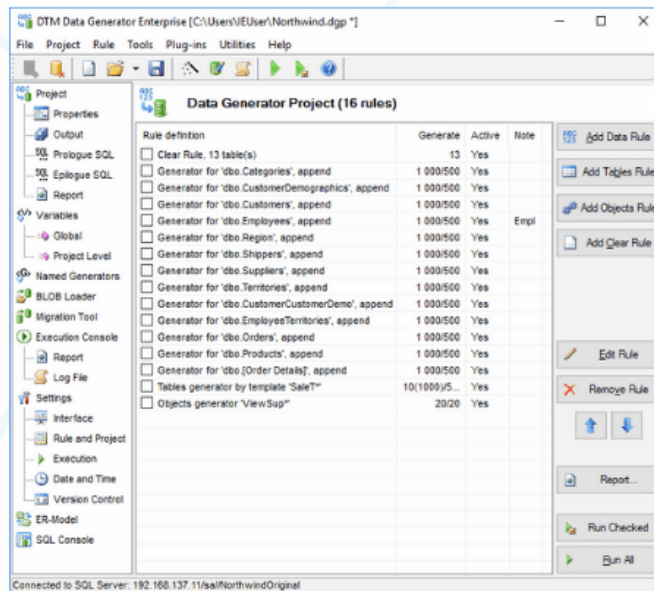
aqua ALM also simplifies preparation for regulatory audits.

DTM Data Test Generator

A tool that produces data rows and schema objects for testing. It automatically creates data values and optional schema objects (tables, views, procedures, triggers, etc).

DTM Data Test Generator

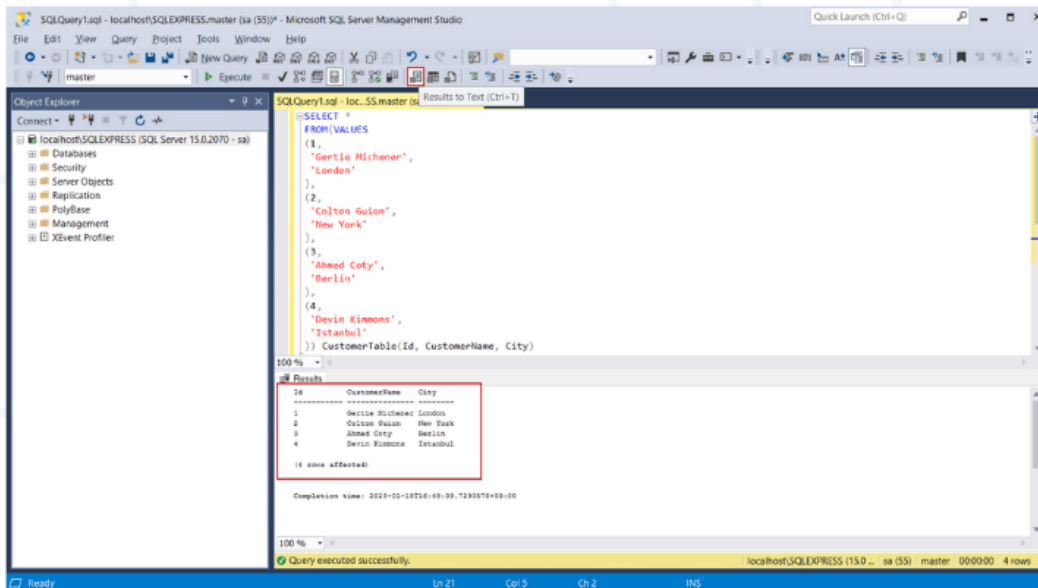It supports high-level load testing and unit tests. It can be used effectively by commercial entities and individuals.

BUT KEEP IN MIND

it's not the best option for individual testers needing on-demand service to help with specific needs due to its multiline entry form factor.

MS SQL Server

It not only provides expected results for VB and C# projects but also has a number of crucial integrations to help testers manage their work.

MS SQL Server

MS SQL Server is built for the basic function of storing retrieving data as required by other applications.

BUT KEEP IN MIND

before using Server, testers must learn about its schemas to ensure what they are looking at when using this tool

Follow the link in the first comment to learn more about how we perform database unit testing

 and one more question:
What tools would you add?
(write in comments)