

Semele takes the complexity out of sourcing quality data for testing.

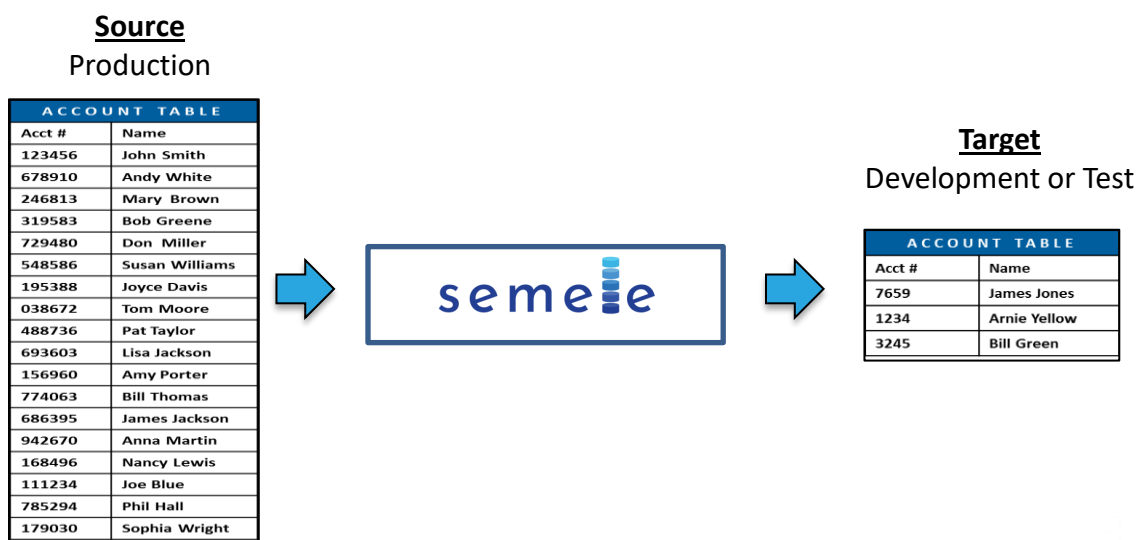
Simultaneously subset, transform and protect sensitive production data using a single, automated process.

SEMELE WILL:

- Reduce development costs through the extraction of purpose-built data subsets from complex databases. Reducing data sizes yields smaller and more efficient test environments.
- Improve testing efficiency with a rules-based engine that creates meaningful subsets of data that can be automatically generated after an easy one-time setup
- Reduce the risk of a data breach in the lower environments by de-identifying sensitive production data for testing
- Accelerate the testing process by reducing the time it takes to access quality data

FEATURES:

- Uses a requirements-driven rules engine to create referentially intact data subsets
- De-identifies and secures data “in flight” as part of a unified data extraction workflow
- Maintains referential integrity *across* databases without storing any PII
- Proprietary rules engine irreversibly de-identifies the data
- Designed to work within large-scale and complex testing environments





SUPPORTED DATA TYPES:

✓ IBM DB2	✓ Sybase
✓ Hadoop	✓ Teradata
✓ Oracle	✓ Vertica
✓ SQL Server	✓ Delimited Sequential Files

DATA MASKING METHODS

CHARACTER ONLY	CHARACTER & NUMERIC	NUMERIC ONLY	DATE
Random	Domain from File	Sequence Transform	Date Variance
Random with Keep Mask	Domain from Input	Percent Variation	Transaction Aging
Random with Overlay Mask	Multi-column Domain (Base) Transform	Random Number Transform	Random Date
Hash Transforms	Multi-column Domain (Extension) Transform	Credit Card with Check Sum (Luhn Algorithm)	Script
Script Transforms	SSN Obfuscation		

Semele, paired with our consulting services, can provide access to quality data for development and testing while protecting sensitive data from future risk.

To learn more, visit semeledata.com.