

SIGNIFICANCE OF BIG DATA TESTING in 2017

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According to **Gartner**-
 "Organizations surveyed by
 Gartner in 2013 estimated
 that poor quality data is
 costing them per company,
 on average **\$14.2 million**
 annually."¹

According to **IBM**,
90%
 of the world's data
 has been created in
 the past 2 years.²

To be relevant in the market,
 faster adoption of newer
 technology and products is
 imperative. Moreover,

quality of data

acts as a deciding factor for
 success.



Managing data can be an
 expensive affair unless efficient
 validation specific strategies and
 techniques are not adopted.

Data testing
 is the perfect solution
 for managing Big Data.



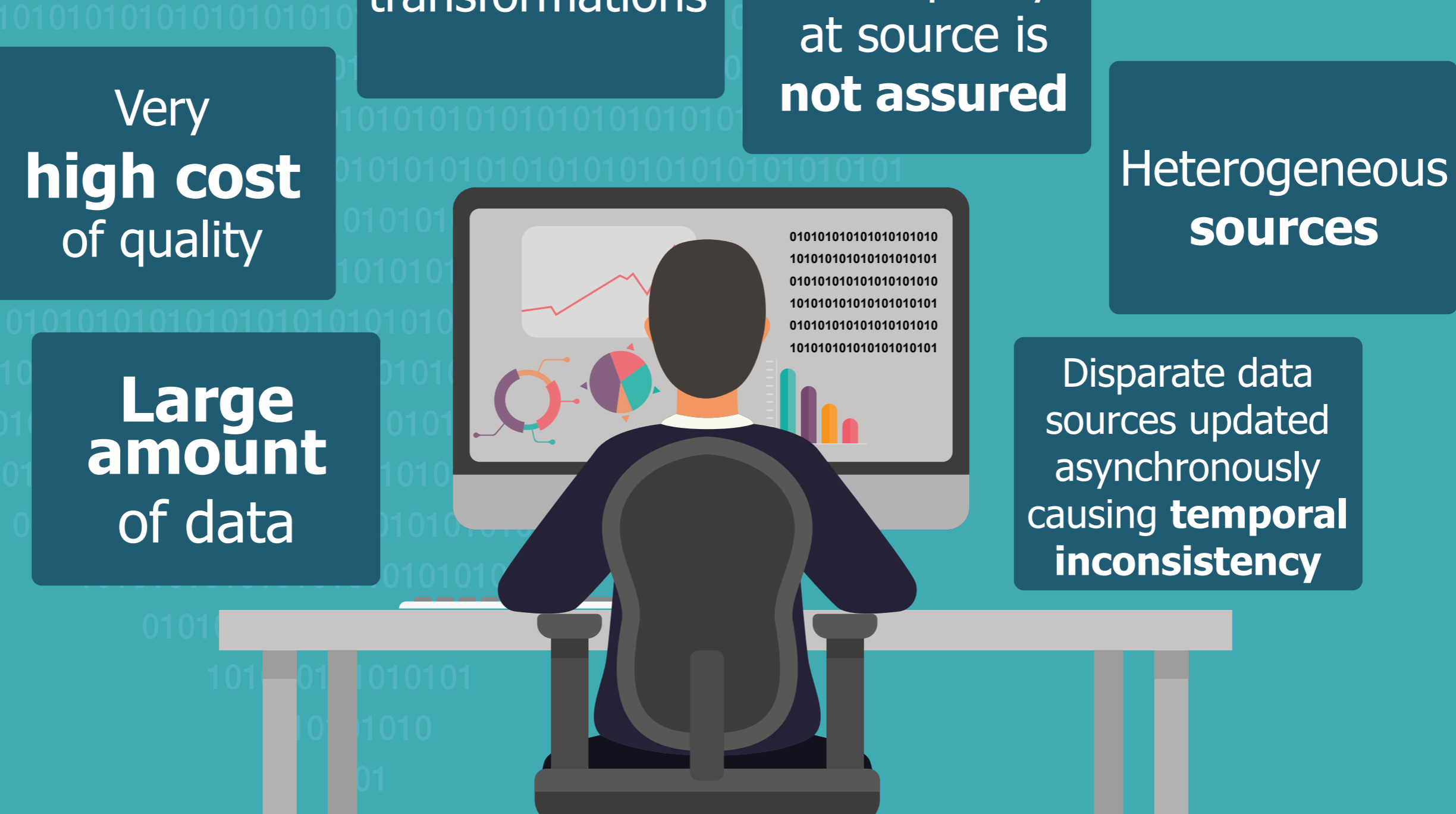
Data testing

is the perfect solution
 for managing Big Data.



Challenges in Big Data Testing

Data Related:



Resource Related:

- Requires higher skilled resources
 - SQL, ETL
 - Data profiling
 - Business rules
- Lack of independence** - the same team of developers using the same tools are testing
- Disparate data sources** updated asynchronously causing temporal inconsistency



TestingXperts' Recommended Data Testing Toolset:



Advantages:

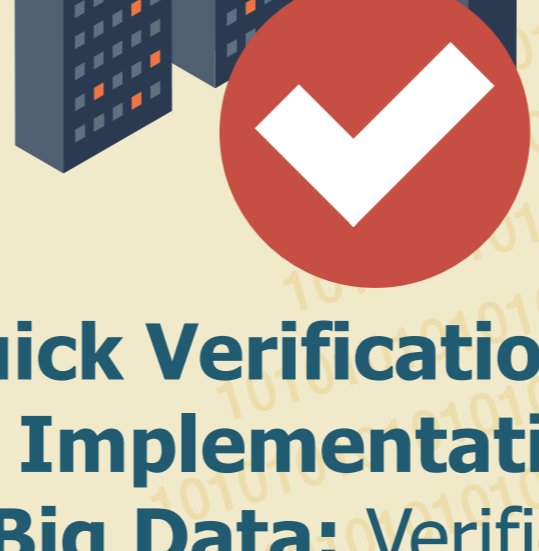
- Built specifically for automated data testing
- Automates manual testing efforts for repeatability
- Provides testing across different platforms – data warehouses, databases, flat files, XML, Hadoop and other data stores
- Speeds up testing up to 1,000 x while providing up to 100% data coverage
- Delivers shareable, automated email reports and data health dashboards
- High ROI via automation

TestingXperts has partnered with QuerySurge to help its testers in developing automated, repeatable tests with up to 100% coverage.

Why TestingXperts and QuerySurge



Easy creation of tests with no SQL programming:
 Ensures minimal time & effort to create tests / obtain results



Quick Verification and Implementation of Big Data: Verifies up to 100% of all data up to 1,000 x faster



Easy automation of the entire testing cycle: Automate kickoff, tests, comparison, auto-emailed results



Testing across different platforms:
 Data warehouse, Hadoop, NoSQL, database, flat file, XML



Integration for Continuous Delivery:
 Integrates with most Build, ETL & QA management software



Collaboration with team: Data Health dashboard shared tests & auto-emailed reports

Want to know more on how our Big Data testing solution can adequately meet your future business needs.

[Click here >](#)

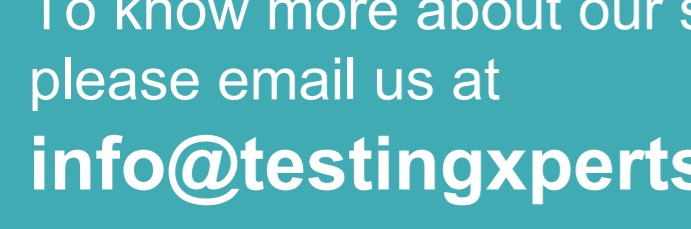


Passion For Perfection

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Sources

1 Gartner, Business Case for the Chief Data Officer, October 2014, refreshed February 2016
 2 <https://www-01.ibm.com/software/in/data/bigdata/>

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