

# SIGNIFICANCE OF BIG DATA TESTING in 2017

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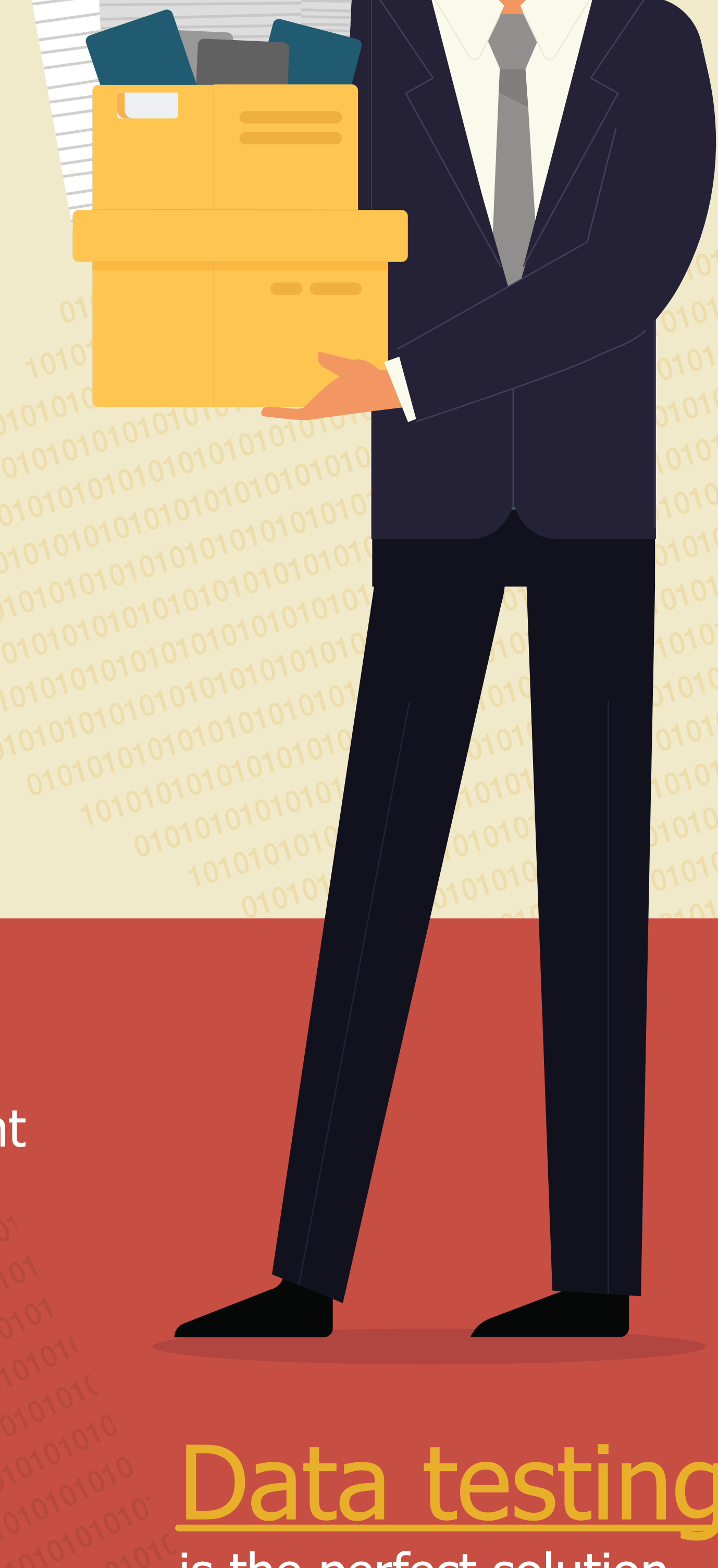
According to **Gartner**-  
 "Organizations surveyed by  
 Gartner in 2013 estimated  
 that poor quality data is  
 costing them per company,  
 on average **\$14.2 million**  
 annually."<sup>1</sup>

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

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.

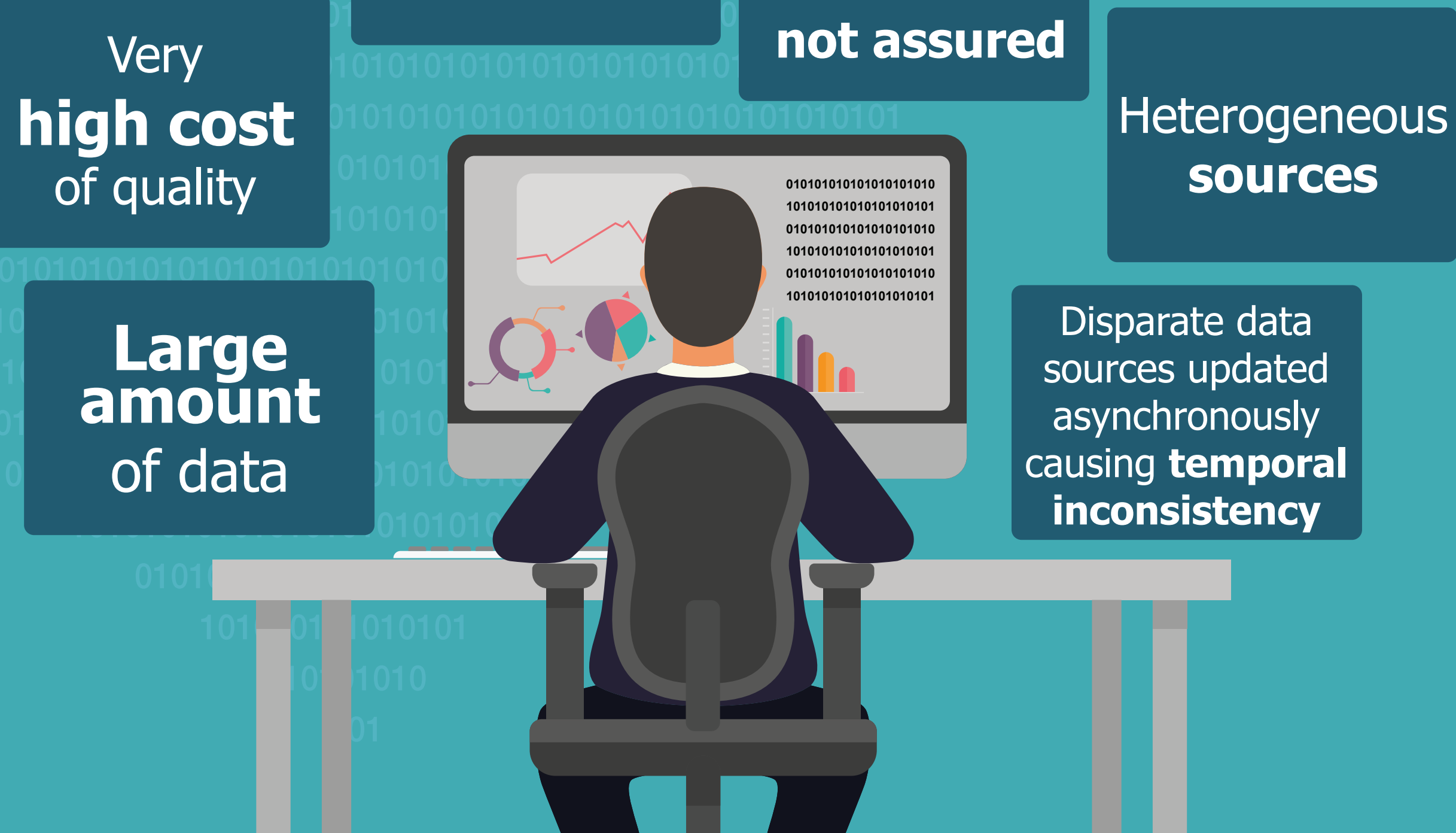
## Data testing

is the perfect solution  
 for managing Big Data.



## 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



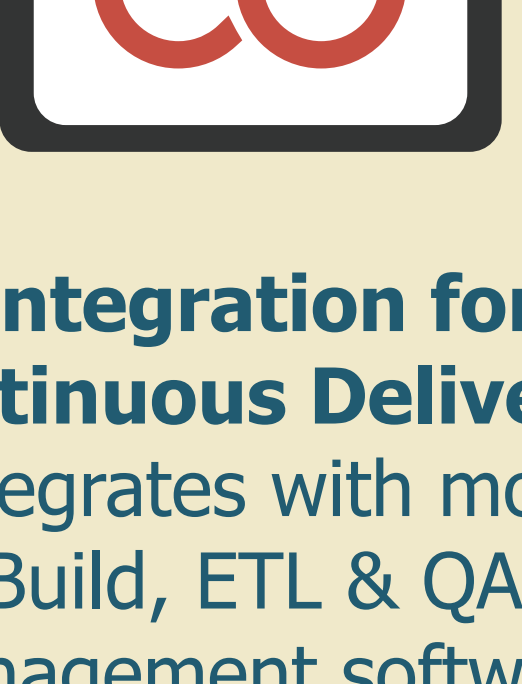
**Quick Verification and Implementation of Big Data:** Verifies up to 100% of all data up to 1,000 x faster



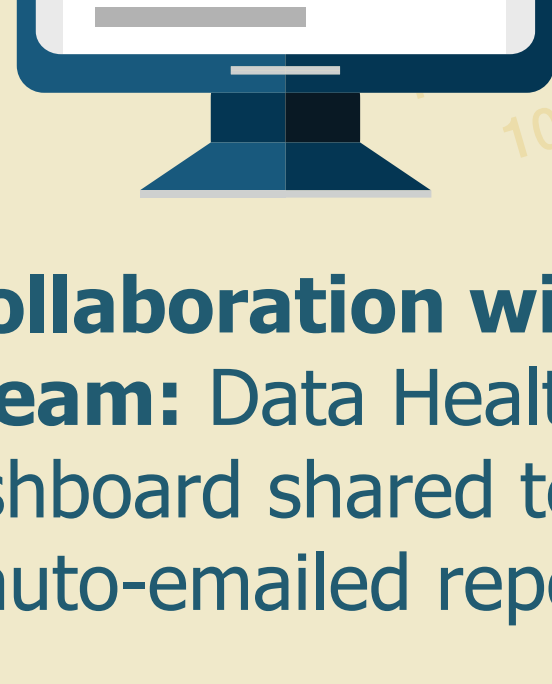
**Easy automation of the entire testing cycle:** Automate kickoff, tests, comparison, auto-emailed results



**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 >](#)



To know more about our services please email us at [info@testingxperts.com](mailto:info@testingxperts.com)

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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/>