

Business Intelligence testing.

Reliable and timely data is crucial for your organization. Without good data, well-founded management decisions are impossible. Also bottlenecks and business opportunities are difficult to identify. Technological driven innovations go very fast, for example in the area of Mobile Apps, the Cloud, Internet Of Things and Big Data so the complexity of the data and the Business Intelligence domain is constantly increasing. Testing the Business Intelligence solution in a smart and correct way is therefore increasingly important.

Understanding the quality of your BI is key for a successful strategy!

When major business decisions are made on the basis of wrong data, the impact on the company can be disastrous. It is therefore of the utmost importance that data quality is high, the origin of the data is known and that this data is interpreted in the right way.



Testing BI

Testing is an important asset to understand the origin and quality of data. According to Polteq, Business Intelligence testing has the following areas:

- **Sourcedata analysis**

To understand the data quality in terms of accuracy, completeness, traceability and usefulness of this data.

- **Testing of ETL and audit trail**

Functionality and performance of ETL (Extract / Transform / Load data) flows should be tested. The corresponding audit trail, which should control the ETL process must not be forgotten here.

- **Datawarehouse**

The data warehouse should be tested on functionality, accuracy of data structures and performance. Testing of scalability also is an important activity.

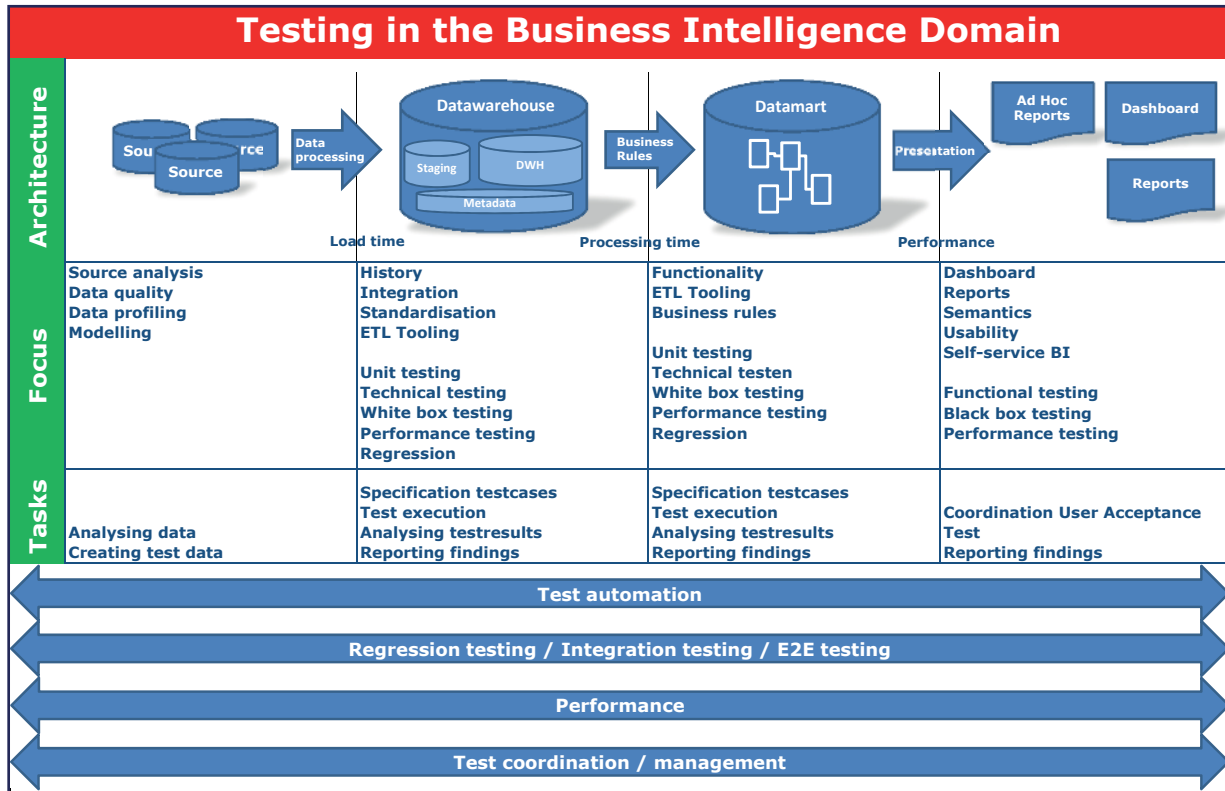
- **Management reports**

Testing the management reports focuses on accuracy, completeness and usefulness of the reports. Often this is done by the users of the reports.

- **Metadata**

Checking of metadata is an often overlooked, yet very important part of the BI testing process. Metadata is data describing the BI data. Rightly interpreted data is very important to prevent making the wrong strategic decisions. Clear, unambiguous and easily accessible metadata contributes to the acceptance and usability of the BI system.

In addition to BI, Big Data is emerging. Knowledge and experience with BI testing is useful in a Big Data context. BI and Big Data are often used together, where BI is based on structured data for reporting and analysis and Big Data mainly uses unstructured data for forecasting and trend analysis.



Training and coaching

Our BI test specialists not only test your BI systems, they guide and coach your professionals who get started with Business Intelligence. They can help with:

- developing a BI test strategy with achievable goals;
- testing of ETL, Data Warehouse and Reports;
- setting up automated tests of BI solutions;
- data analysis;
- regression testing / integration testing / E2E testing;
- performance testing;
- test coordination / test management.

You benefit from Polteq!

Our experienced BI test specialists can help you with the design and implementation of BI test projects. Use our:

Independent view on BI and experience with the applications of the largest BI vendors

Practical experience in every context

The experienced BI testers from Polteq enable you to:

Quickly, flexible and effectively create and execute BI testing strategies and testing processes