

Business Intelligence Implementation Services

Our Goal Is Your Digital Success

ScienceSoft is an international IT consulting and software development company providing BI implementation services since 2005.

34 years in data analytics

750+

employees

Customers

in 55 countries, including Fortune 500 companies





Our Customers

62% of our revenue comes from customers that stay with us for 2+ years.





What Our Customers Say

When we first contacted ScienceSoft, we needed expert advice on the creation of the centralized analytical solution. ScienceSoft's team members proved to be extremely flexible and responsive.

> Heather Owen Nigl, Chief Financial Officer at Alta Resources



resources

We commissioned ScienceSoft to audit and upgrade our partially developed AI-based software. We are satisfied with our cooperation with ScienceSoft and their skilled development team, which smoothly fit into our project.

> Simen Løkka, CEO at Travision AS

travision



bioAffinity Technologies hired ScienceSoft to help in the development of its automated data analysis software. Our project required a large amount of industry-specific methodology and algorithms <...>, which the team handled well.



Maria Zannes, President & CEO at bioAffinity Technologies





BI Framework to Bring Value

To help companies achieve structured decision-making, we have developed a proprietary BI framework consisting of the following components:



- Identifying trends
- Creating forecasts
- Measuring business performance
- Analyzing plans



Comparing the

performance

performance

against the actual

Finding reasons for

lower-than-planned

planned

one

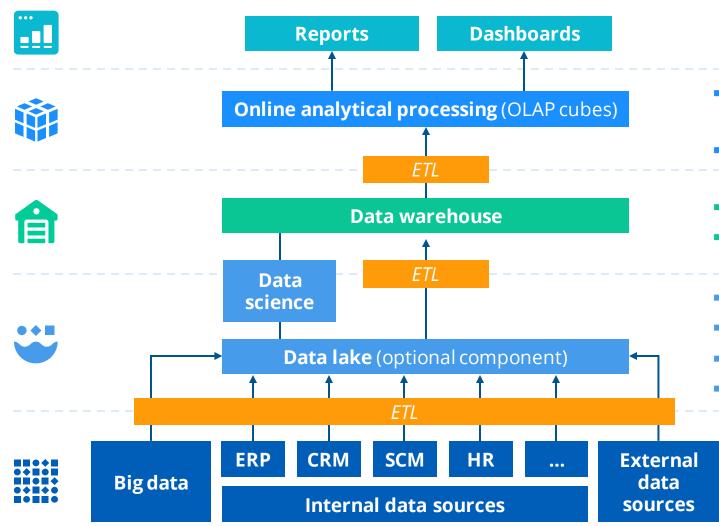
- - , **A** Change Ď→Ŏ analytics
 - Identifying real or potential consequence of a change

 Using the data from a BI solution to optimize internal business processes

Optimization



BI Components We Implement

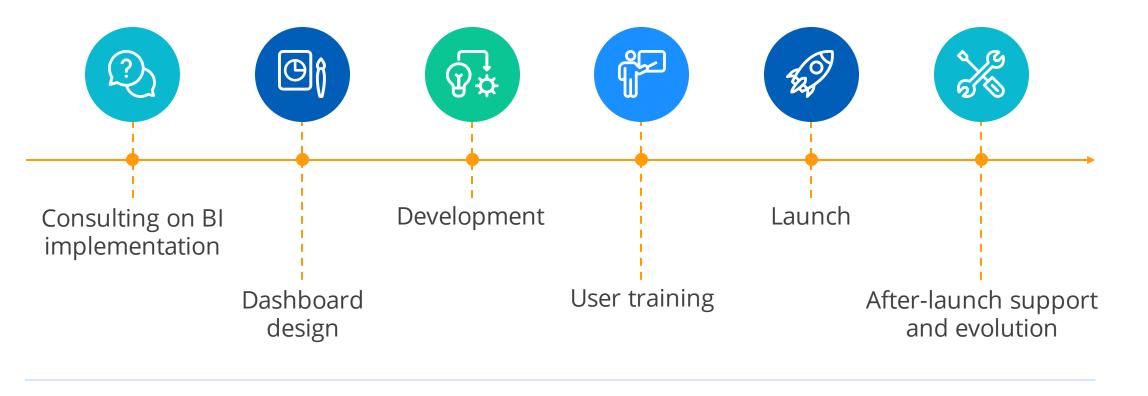


- Storing data in multi-dimensional form for reporting purposes
- *Providing self-service BI capabilities*
- *Combining data from different sources*
- Aggregating data
- Storing structured & unstructured data
- Preliminary big data cleaning & filtering
- Data preprocessing
- Exploratory analytics

Data sources



Our BI Implementation Services





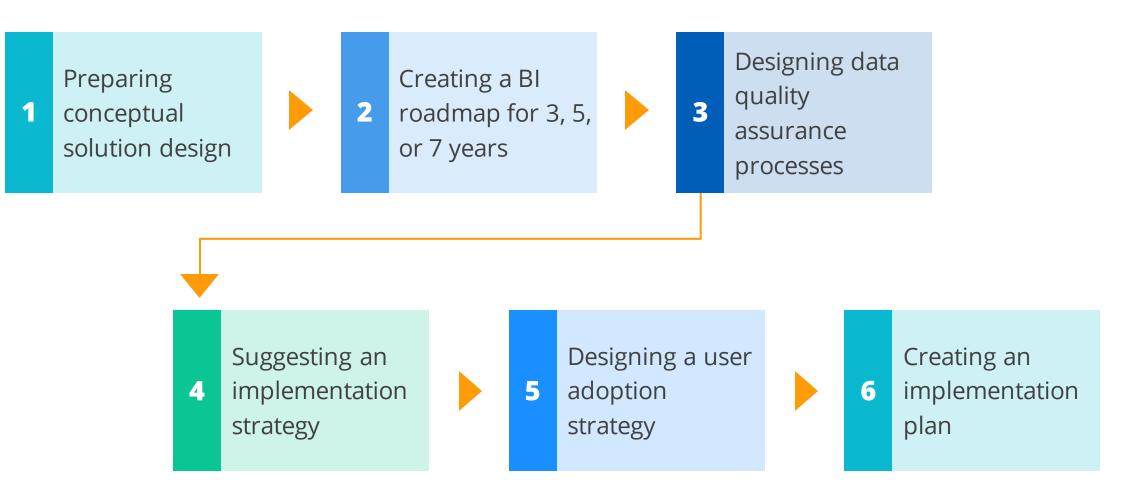
Certified quality management system



Security of the customers' data



Consulting on BI Implementation





Dashboard Design

Principles we follow while designing dashboards:



Insights is #1 goal

We recommend what KPIs each dashboard should reflect

Respect to user roles

We tailor dashboards so that each user group (Csuite, department managers, analysts) can easily find much-needed insights

Look at the data in more detail

We implement dashboards equipped with drilldown and filtering options allowing decisionmakers to look at their data from different angles

Data from any view

We suggest the layout and the most convenient data representation options both for desktop and mobile users



BI Development

We deliver

All the components of a BI solution and required integrations

Our customers get

A **centralized BI system** integrated with numerous enterprise systems

Data science capabilities



Advanced analytics that enables forecasting and business processes optimization



Data quality management practices

Data security practices

High-quality data and, therefore, reliable reporting

Role-based access to data, data encryption in transit and at rest





User Training

We provide **Q&A sessions** and **instructor-led training** targeted at each user group to:

Train different target audiences on how to use the components and functions of a BI solution most efficiently





Help companies achieve significant ROI and maximize the value of their BI investment





Launch

To ensure safe deployment of the BI solution to production, we perform all the launch-related activities in different environments.

Developed solution			
Development environment	Testing environment	UAT* environment	Production environment
Developers finish a new BI solution	QA engineers test the solution	Customer representatives test the solution's functionality and accept the project * User Acceptance Testing	 The solution is launched We check the solution's functionality to make sure it works as required



After-Launch Support and Evolution



Fixing performance issues

Support





Tuning features and processes to adapt them to the new business requirements



Evolution

Enriching a BI solution's capabilities (e.g., adding new data sources or configuring additional reports)



BI Implementation Options

By implementation strategy



Delivering at once (project duration of **6-8 months**)



Iterative development (delivering a basic BI solution in **2-5 months** and its further evolution with regular update releases every **2-4 weeks**)

By 3rd-party involvement

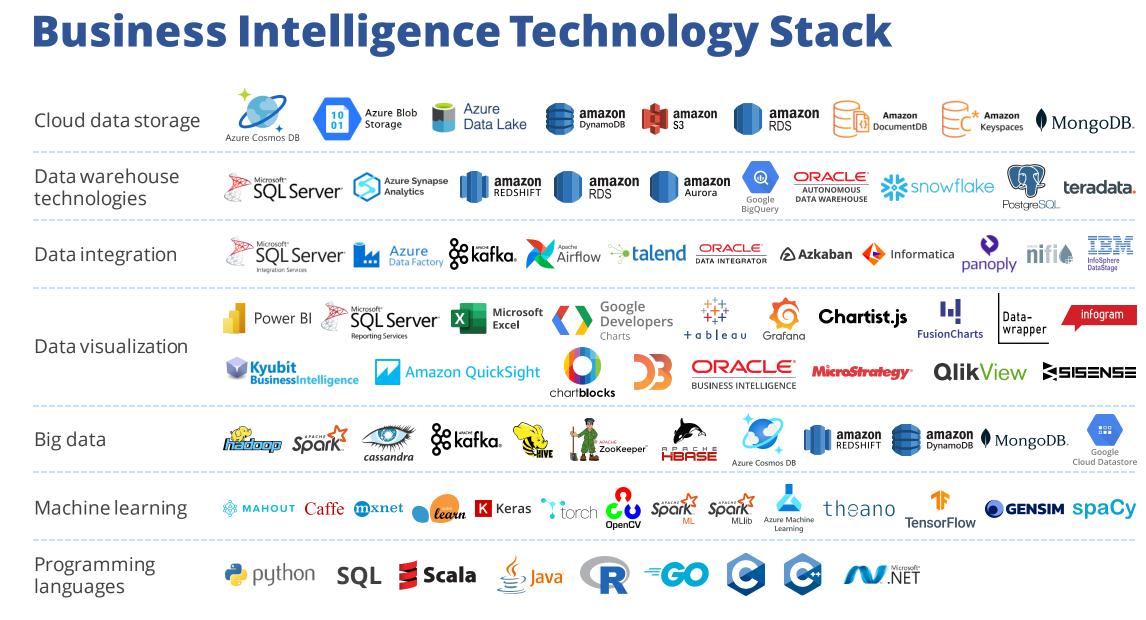


We cooperate with business users directly



We work with external consultants







BI Solution to Control Financial Data Flows and Speed Up Reporting by 90%

Customer



Alta Resources, a global business process outsourcing provider.

Solution

We implemented a full-scale BI solution with self-service capabilities that enables datadriven decision making, planning and performance management, and saves up to 90% of the report preparation time.

Tools & Technologies

Microsoft SQL Server, Microsoft Analysis Services, Microsoft Power BI, Microsoft SQL Server Integration Service.





BI Solution for Multidimensional Financial Analytics across 30 Parameters

Customer

An international company specializing in commercial and residential real estate development.

Solution

ScienceSoft designed and implemented a BI solution for financial and analytical reporting based on data derived from 40 disparate data sources.

Tools and Technologies

Microsoft SQL Server, Python, Microsoft Power Bl.





BI Consulting to Consolidate Data of 30+ Businesses for Conglomerate-Wide Analytics

Customer

A diversified Kuwait-based company with 30+ businesses worldwide, such as oil and gas, travel, and FMCG distribution.

Solution

ScienceSoft worked out the architecture and technology stack for a BI solution aimed to integrate data across the Customer's businesses and enable company-wide initiatives.

Methodologies

Q&A sessions, functional decomposition, business requirements analysis, comparative analysis.





BI Implementation for 200 Healthcare Centers

Customer

200 US healthcare centers and retirement homes.

Solution

ScienceSoft created a system of 200 databases for data management and reporting on medication inventory, clinical services, patient data, marketing activities, etc.

Tools and Technologies

Microsoft SQL Server, Transact-SQL, JReport.





BI Implementation for a Food Manufacturer and Distributor

Customer

A large food manufacturer and distributor operating across the US.

Solution

The BI platform delivered in six months helps consolidate and analyze business data from multiple sources (ERPs, SharePoint, internal databases and Excel documents) for improved enterprise decision-making.

Tools and Technologies

Microsoft Blob Storage, Microsoft Azure file share, Azure Analysis Service, Azure Data Factory, Azure SQL Database, Microsoft Power BI, Microsoft SQL Server.





BI Implementation for Advanced Sales Analysis

Customer

A multinational FMCG corporation operating in more than 200 markets with 1 billion consumers and 60,000 employees across the globe.

Solution

The delivered BI solution collects data from retailers in multiple files and formats and helps the Customer to identify sales trends and distribute 100 SKUs through 10 retail chains and 10,500 stores.

Tools and Technologies

Microsoft SQL Server, Entity Framework, Microsoft SQL Server Analysis Services, .NET, ASP.NET MVC, Bootstrap, Power Pivot for MS Excel.





Let's Keep in Touch!

