

predictive content made by biX

predictive content made by biX is an application solution by biX Consulting to use the highly integrative data in SAP BW for predictive analyses and to open up new business potentials.



	USA	UK	FR	DE	IT	ES
Q1	1,200	1,500	1,800	2,100	2,400	2,700
Q2	1,300	1,600	1,900	2,200	2,500	2,800
Q3	1,400	1,700	2,000	2,300	2,600	2,900
Q4	1,500	1,800	2,100	2,400	2,700	3,000
YTD	5,400	6,600	7,800	9,000	10,200	11,400
Q1	1,200	1,500	1,800	2,100	2,400	2,700
Q2	1,300	1,600	1,900	2,200	2,500	2,800
Q3	1,400	1,700	2,000	2,300	2,600	2,900
Q4	1,500	1,800	2,100	2,400	2,700	3,000
YTD	5,400	6,600	7,800	9,000	10,200	11,400



A new opportunity - for your data

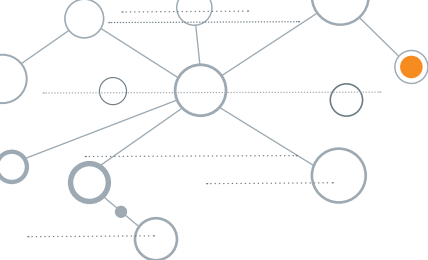
predictive content ^{made by biX} enables the extraction of new insights from data treasures in SAP BW and a digitalization of business models in your company.

Without additional investment and without the usual high administrative effort, the data available in SAP BW (from version 7.3) and in HANA can be used for forecasting, basket analyses or exception reporting. Predictive Content is a framework that can be adapted to changing system environments at any time and expanded to include new areas of analysis.

The intuitive machine learning component ensures fast implementation times and easy adaptation of the algorithms to new parameters. The insights gained can be visualized with standard tools such as MS Excel, SAP Analytics Cloud, SAP Lumira Designer, SAP Analysis for Office, Tableau, or other solutions.¹ Data located outside SAP BW (for example in Oracle databases) can also be included in the analysis at runtime using SAP Data Hub. For this purpose, the Predictive Content provides a set of highly efficient Python components.



Picture: metamorworks



Reliably predicting the future

To complement the framework, 3 application modules have already been fully developed and implemented in predictive content made by biX:

Forecasting

Predictive content enables a reliable prediction of events, conditions or developments in the future and can be used in many scenarios - for example:

- > Production planning
- > Simulation scenarios
- > Maintenance cases
- > Medicine
- > Speech recognition
- > Customer loyalty

Object group analysis:

Predictive Content is used to analyze interrelationships of objects and events, for example in the following use cases:

- > Common configuration patterns (e.g. cars)
- > Shopping basket analyses
- > Portfolio analyses
- > Failure-prone parts in machine groups
- > Purchase recommendations (up-/cross-selling)

Exception Reporting

Predictive content acts as an early warning system to immediately detect and counteract possible variations from action norms or states. Through machine learning, the solution adapts to new circumstances and changes and can thus be trained and gradually perfected. Possible areas of application are:

- > Customer churn (churn prediction)
- > Credit risks
- > System failures and downtimes

¹ SAP, SAP BW, SAP Lumira, SAP HANA, SAP Analysis, SAP Analytics Cloud and SAP Data Hub are trademarks or registered trademarks of SAP SE.



Concentration on the essentials

A key feature of predictive content is the compactness of the solution and the associated holistic support of the process from simple data access to SAP BW and the data models implemented there to an intuitive data console where data and algorithms can be easily selected and parameterized. Data models that have already been used or trained can be imported into predictive content and processed there in a simple process. If required, further data sources can be connected at runtime via the optional SAP Data Hub.



Access to the SAP HANA Predictive Analysis Library and other classes (ABAP, SQL Script, SQL) is transparent and can be carried out by experienced business users. No complex native HANA development is required. Predictive Content explores the data for the user and thus makes it unnecessary to work exploratively with the data. The user can focus more on the exploitation and benefit of the insights gained through automation.

CONSUMER LAYER

SAP[®] Analysis for Office

SAP[®] Analytics Cloud

SAP Lumira[®] Designer

E-Mail

INTEGRATION LAYER

Process Chain Steps

Planning Function

Customized Coding

ABSTRACTION LAYER

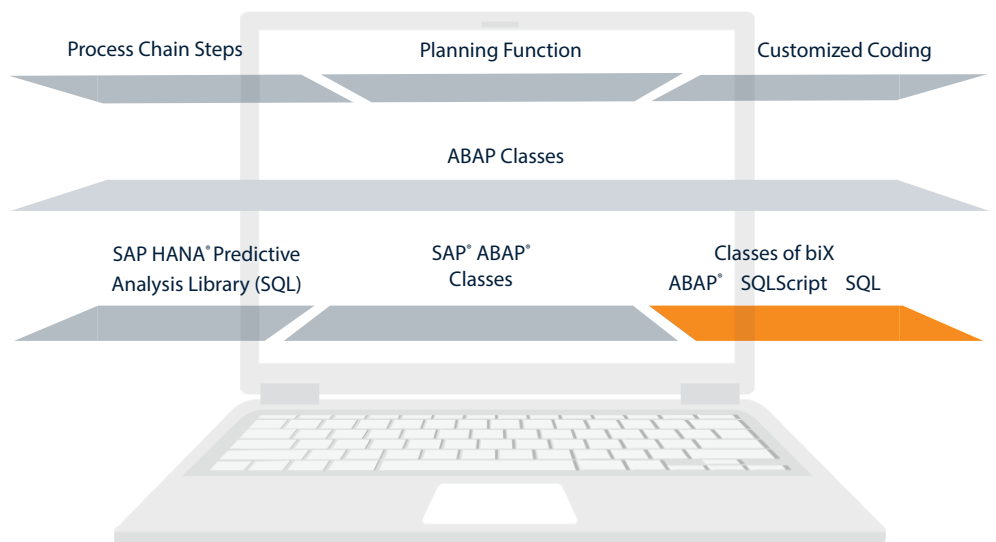
ABAP Classes

ALGORITHM LAYER

SAP HANA[®] Predictive Analysis Library (SQL)

SAP[®] ABAP[®] Classes

Classes of biX
ABAP[®] SQLScript SQL





About biX Consulting

„biX“ stands for „Excellence in Business Integration“ and at the same time describes our approach and our claim: For us, it is immanent to deeply engage with our customer's processes. This is the key to our ability to establish high-quality, custom-fit architectures and solutions with state-of-the-art technologies in a very dynamic market environment. Since 2008, we have been advising our customers from international locations in Ratingen (headquarter), Munich, Wuerzburg and Sofia (Bulgaria) on the main topics:



Partner for your
business.

- SAP Business Warehouse
- SAP Analytics Cloud
- SAP Data Warehouse Cloud
- Microsoft Azure (Cloud)
- Databricks
- Snowflake
- Data Science
- Tableau
- Microsoft Power BI
- Technical Consulting
- Service

As an SAP Gold Partner, Microsoft Partner and Service Partner of Salesforce & Tableau as well as Databricks, we provide consulting services across all industries - as well as in national and international projects.

Our competent team supports customers from conception and implementation to training, knowledge transfer sessions as well as ensuring ongoing operations. For this purpose, we identify the potential for a digital transformation with our customers and realize innovative as well as holistic solutions and business models.



biX Consulting GmbH & Co. KG
Ratingen, München, Sofia

T +49 (0) 2102 875 46-00

info@bix-consulting.de
www.bix-consulting.de