PYTHON
PREDICTIONS
A TOBANIA COMPANY

Self-service BI.

More control of your own data.

"*From gut feeling to real-time analysis.*"

Why Self-service BI?

Based on our experience in various industries, we have found that introducing Self-service BI can alleviate several structural challenges within an organisation:
First, it streamlines the decision-making process and reduces ambiguity. Second, it relieves the IT department from handling an overwhelming number of requests for data queries and reports. This results in a significant increase in employee knowledge and productivity.

Our 6-step approach

In general, implementing Self-service BI in your organisation involves six major steps.

1. Starting with the **design phase**, we define the organisation's needs regarding data sources, data management policies, visualisations and security.

2. Once the requirements are defined, we embark on **data modelling**. This includes applying data governance rules and preparing shared datasets. A significant amount of time will be invested in defining an architecture to make analytics as widespread and accessible as possible within the organisation.
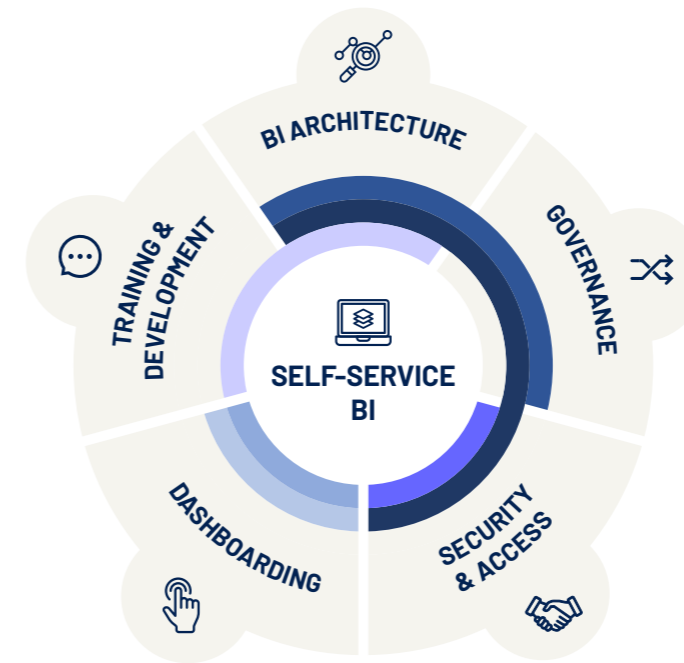
3. Hence, the next step is to implement **security and access** measures. A well-designed Self-service BI solution will minimise the number of support requests to IT and maximise end-user autonomy and productivity. Additional collaboration tools are often implemented to further facilitate communication between end users.
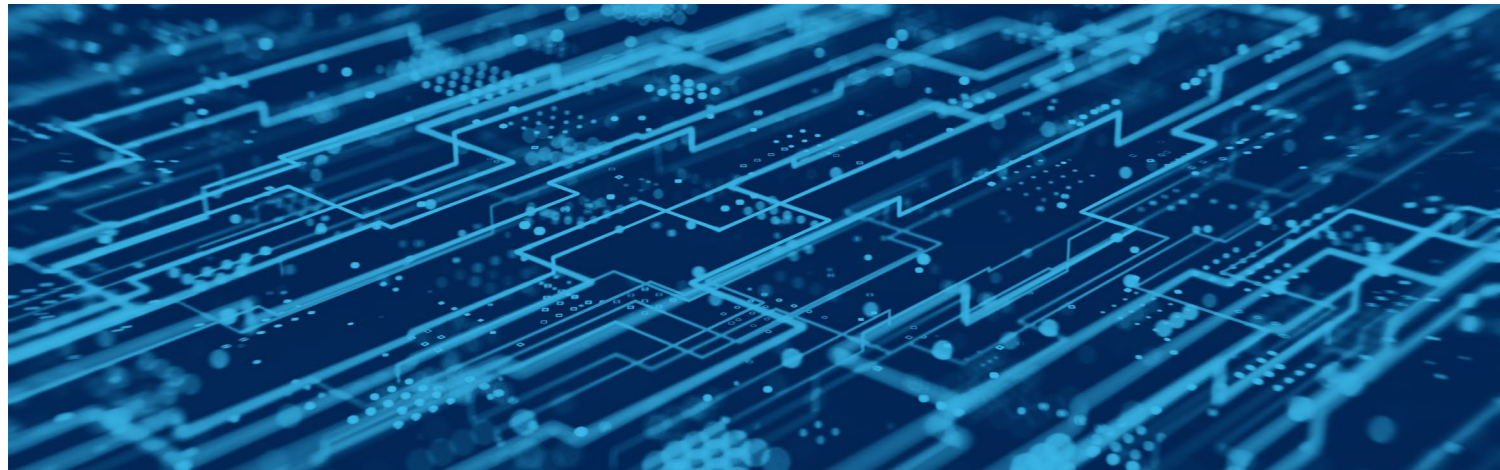
4. Subsequently, **calculations** are created.

5. And the data is **visualised**.

6. The final steps include **distributing** the reports and training and developing end users as well as a continuous follow-up to ensure we are achieving a data culture.

Our Solutions | Self-Service BI

1. **Design**
2. **Data Modeling**
3. **Implement Security & Access Measures**
4. **Calculations**
5. **Visualizations**
6. **Distribution**

Self-service BI, who's it for?

The value of understanding historical trends and having real-time data at your fingertips is indispensable. Whether your business is in wholesale, B2C or manufacturing, it would be a pity not to provide your employees with the benefit of technology. Self-service BI provides the tools and resources they need to make informed decisions.

Through experience, we have seen significant impact in all kinds of departments within organisations. Among them, we have seen procurement departments close better deals and compare historical deals from different suppliers at a glance. Other examples include operations departments easily identifying bottlenecks and optimising processes.

Why we love Self-service BI

Thanks to Self-service BI, you can:

Improve decision-making

Visualising all the data in your organisation helps you analyse historical trends and anomalies, understand real-time insights and much more. Therefore, it is no longer necessary to base decisions on gut feeling.

Reduce data silos and isolated knowledge

With Self-service BI, data no longer remains in silos within the IT department. Instead, it is made accessible to all relevant stakeholders, increasing transparency and fostering a data-driven culture.
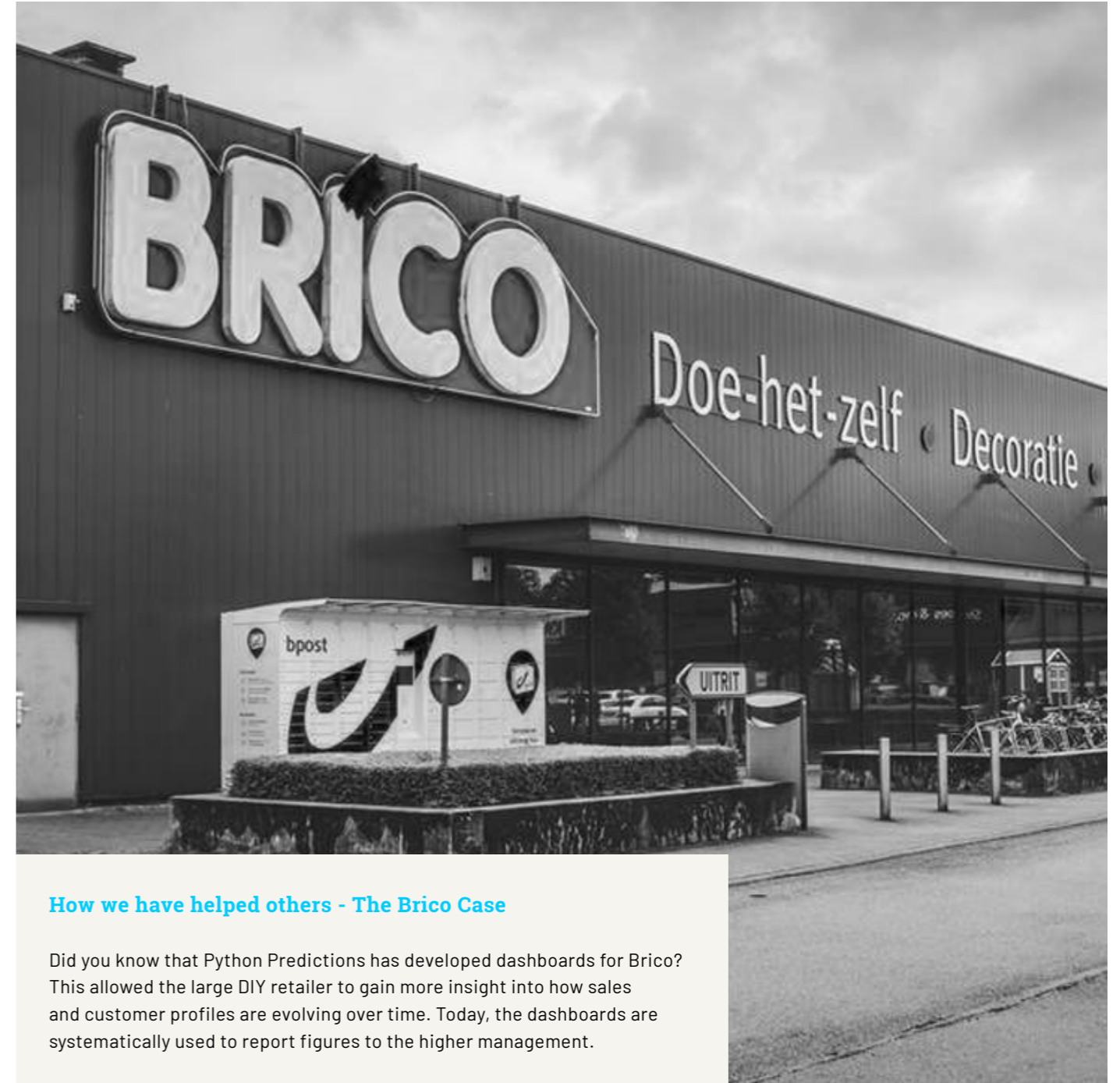
Enhance collaboration

Our self-service BI implementations often include the addition of a collaboration tool. This allows users to annotate visualisations in order to understand insights. This facilitates teams to collaborate and share their findings.

Become less IT-dependent

IT departments are often considered the go-to department for data queries, leading to a high workload and isolated knowledge. With self-service BI, your users no longer have to depend solely on the capacity of their IT colleagues.

How we have helped others - The Brico Case

Did you know that Python Predictions has developed dashboards for Brico? This allowed the large DIY retailer to gain more insight into how sales and customer profiles are evolving over time. Today, the dashboards are systematically used to report figures to the higher management.

Self-service BI, a solution to consider?

Would you like to know all about our solutions?
Just get in touch with us! We look forward to getting to know your business.

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