**One intelligent app with a dashboard**

Are you drowning in data? You're not alone. According to estimates, the volume of business data worldwide, across all companies, doubles every 1.2 years. How can you parse it all and identify the right information to make decisions that will grow your business?

One simple, time-saving solution is dashboards. This business tool uses your company's metrics to consolidate the information you need so you don't have to log into multiple systems. Dashboards can also manipulate this data so the information is presented in a more digestible format.

Business Intelligence (BI) refers to the tools, technologies, applications, and practices used to collect, integrate, analyze, and present an organization's raw data in order to create insightful and actionable business information. BI as a discipline and as a technology-driven process is made up of several related activities, including:

- Data mining
- Online analytical processing
- Querying
- Reporting
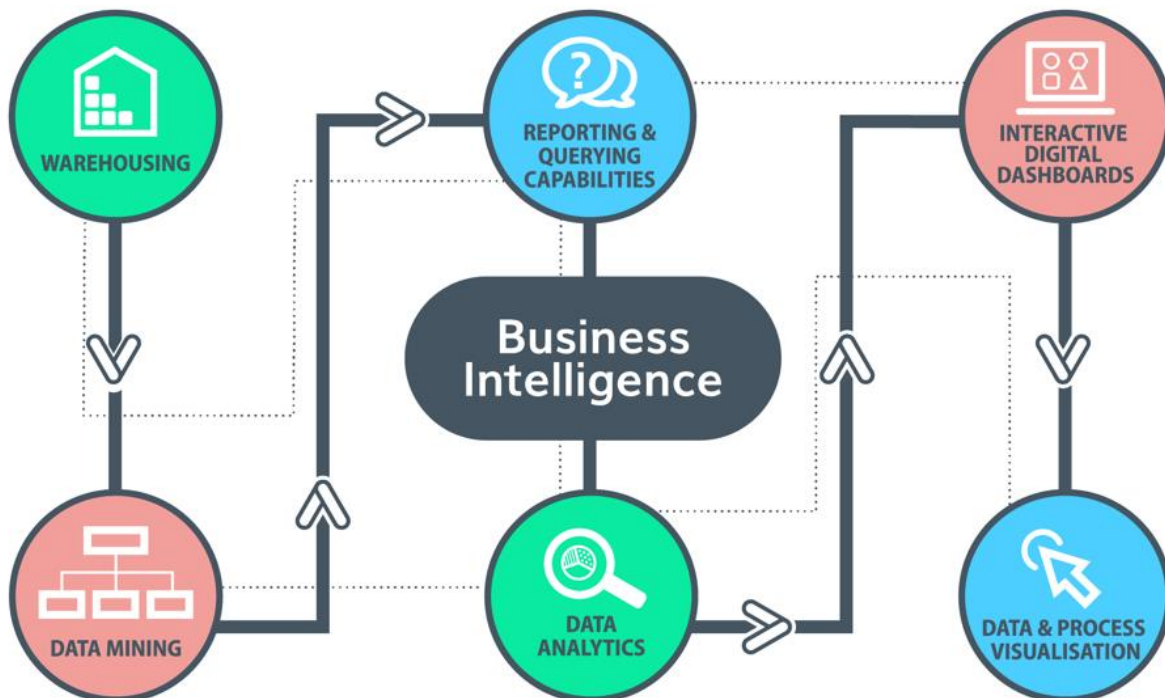
We offer the power of Azure, Power BI, and Single sign-on.

Azure and Power BI

With **Azure** services and **Power BI**, you can turn your data processing efforts into analytics and reports that provide real-time insights into your business. Whether your data processing is cloud-based or on-premises, straightforward, or complex, single-sourced or massively scaled, warehoused, or real-time, Azure and Power BI have the built-in connectivity and integration to bring your business intelligence efforts to life.
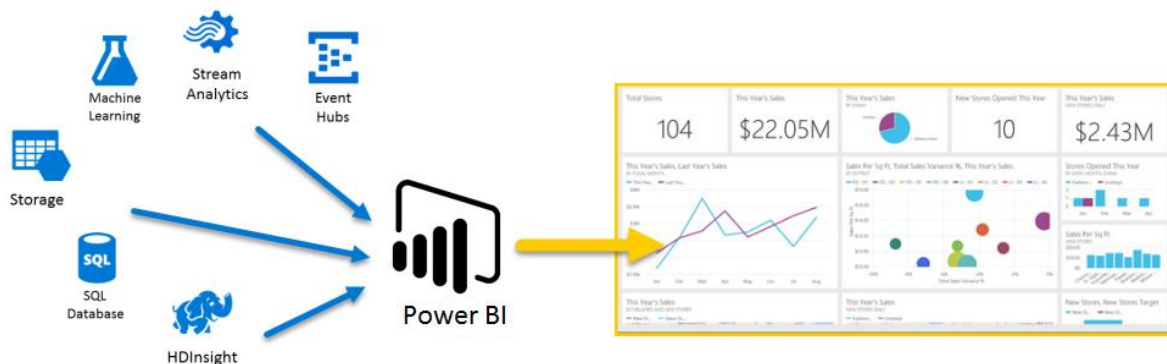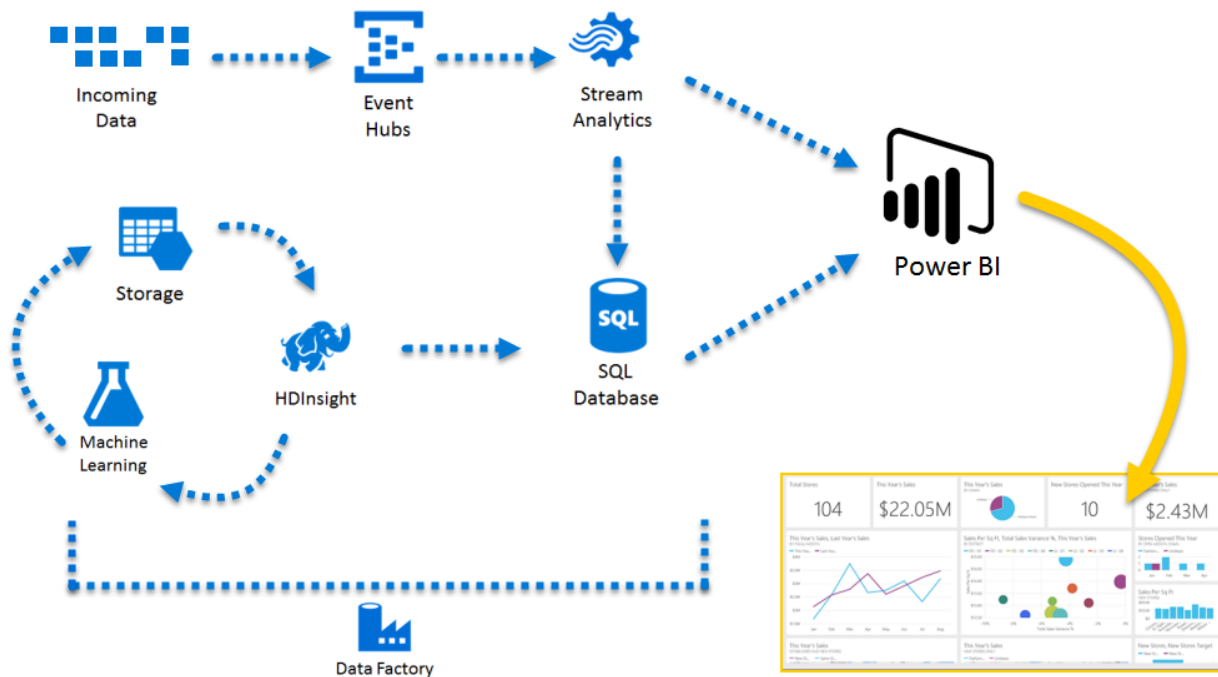
Combine Power BI and the various Azure data processing services and you get the next generation of business intelligence and analytics.

When you use data flows to extract, clean and transform data that you're loading into Power BI, that data is stored in Azure Data Lake. You could also use it in Azure Data bricks or for analytics through Azure SQL Data Warehouse, which you can do through the Azure portal, or make interactive using the Power BI Desktop app.

Data pros

Power BI has different paths for doing this, depending on whether you're a data scientist who wants to make their work available to the rest of the business, or an analyst who wants to use machine learning but doesn't have the skills to do it themselves.

Data scientists can add steps to a dataflow to extract information from unstructured data like images or text from tweets or reviews, by extracting keywords, doing sentiment analysis or detecting what's in a photograph. That's powered by Cognitive Services, but without the usual steps of writing the code to call the API — you can just add the image and text analytics to the dataflow.

1. Accelerating and improving decision making
2. Optimizing internal business processes
3. Increasing operational efficiency
4. Driving new revenues
5. Gaining competitive advantages over business rivals.
6. Identifying market trends
7. Spotting business problems that need to be addressed

Integrate and manage business intelligence securely

Better integrate with existing systems by choosing a feature-rich, enterprise-ready BI platform. Maximize resources, monitor access to data and assets, help ensure security and compliance—and deliver a business intelligence solution designed for the needs of your organization.

Single sign-on

With **single sign**-on, users **sign** in once with **one** account to access domain-joined devices, company resources, software as a service (SaaS) applications, and web applications. After **signing** in, the user can launch applications from the Office 365 portal or the **Azure** AD MyApps access panel

Single sign-on (SSO) adds security and convenience when users sign-on to applications in Azure Active Directory (Azure AD). This article describes the single sign-on methods and helps you choose the most appropriate SSO method when configuring your applications.

- **With single sign-on**, users sign in once with one account to access domain-joined devices, company resources, software as a service (SaaS) applications, and web applications. After signing in, the user can launch applications from the Office 365 portal or the Azure AD MyApps access panel. Administrators can centralize user account management, and automatically add or remove user access to applications based on group membership.
- **Without single sign-on**, users must remember application-specific passwords and sign in to each application. IT staff needs to create and update user accounts for each application such as Office 365, Box, and Salesforce. Users need to remember their passwords, plus spend the time to sign in to each application.