How to translate data into business intelligence

New data analytics tools help financial institutions harness business intelligence

Banks are coming of age with the new power they can wield from the growing availability of advanced data analytics. Client data and the tools to analyze it can literally transform how firms conduct their commercial lending business. Data-driven banks can use data analytics to make informed decisions and more profitably serve their customers and improve their operations. So why are these types of institutions not the norm?

The main barrier to the adoption of business intelligence (BI for short) is making sense of the overwhelming number of options available for boosting performance. Faced with the complexity and scale of this data, the top strategic issue for a bank is how to translate data into action throughout the organization.

Let us get started on the journey to become a data-driven organization and turn data analysis into bottom-line results.

1. Collect and Organize data

To be a data-driven bank, lenders must align their key business goals and priorities with usable and actionable insights. This can be accomplished by leveraging insights from the key credit measures with a BI tool linked to the bank’s central database. For instance, investment in technology solutions can help capture, organize, and use data points inside a bank’s processes and help bankers make informed loan decisions faster, identifying new customers or target markets while reducing expenses.

» Understand best practices for collecting and organizing data - This involves examining the underlying details, issues, and challenges with existing tools, processes, and frameworks.

» Identify and centralize the data that can be used to enhance bank profitability - This includes company financials, qualitative customer data, and borrower behavioral data, including payment and credit utilization history.
» **Confirm the important business and operational metrics** - As banks begin to structure the centralized data, they must ground it in core business principles by identifying which business and operational metrics are critical to the organization.

» **Establish a framework to ensure data quality** - The top tactical issues of data driven organizations revolve around collecting, organizing, and ensuring the quality of the data. Maintaining the integrity of analytics requires data that is accurate, comprehensive, and continually updated. The quality of the data is key to realizing the value of BI tools.

The scope of data analytics vary with the complexity and sophistication of a bank and its portfolio. Aligning data points to the core strategy allows banks to correctly structure the data points that have most value for them.

### 2. Alignment and Benchmarking

Effective strategies ensure that short- and long-term organizational goals are aligned with the bank’s current business operations. Partnering with an industry leader with the required data analytics technology and implementation expertise could help the bank capture the right data and integrate it into their processes.

» **Focus on specific segments for meaningful analysis** - We all know that looking at statistics for the total customer base masks changes in customer behavior, characteristics, and performance. Baseline customer analytics should, at a minimum, consider new accounts versus the existing customer base to avoid conclusions based on customer characteristics and behaviors that might be changing.

» **Use internal data to define bank’s own benchmarks and measure decisions against goals and past performance** - Even data-driven banks should be wary in aligning internal data with external benchmarks and best practices, because the latter might not be applicable to a particular type of business, product focus, marketplace, or strategic approach.

» **Monitor benchmarks via dashboards on an ongoing basis** - This can help gauge the current portfolio performance against peer benchmarking data and historical portfolio performance. Assessing actual performance by comparing historical trends to new profitability, default and recovery metrics (including internal ratings) serve as an indicator of improvement. Allows for insights into how the prior portfolio would have performed given new tools and measures versus actual performance.

» **Establish consistent reporting at the portfolio, customer, or business department level** – This will not only align business functions within the organization but also ensure an effective reporting system that is real-time and responsive. A BI tool supports this alignment by making it easy to filter data and generate reports that offer personalized views to manage day-to-day operations and strategic business decisions.

**FOR DATA-DRIVEN ANALYTIC INITIATIVES TO BE SUCCESSFUL, BANK LEADERS NEED TO:**

1. Support investment in systems that centralize data, ensure data quality and standardize processes

2. Reinforce investments with new policy, training, and change management initiatives to ensure adoption

3. Champion the new systems, programs, and processes and how they contribute to the organization’s success
3. Communication is Key

A data-driven approach can mean different things to different people. An objective interpretation would require alignment of strategy, risk, technology, and operations. Crafting and implementing data analytics and setting goals must be steered by management and approved by the board. This practice can be reinforced by communication from senior management to the front lines on the importance of these new systems and processes to the bank’s success.

» **Build awareness and set expectations** - A comprehensive communication strategy should build awareness and set expectations for addressing challenges of individual departments alongside the bank’s strategic goals. An optimal path will offer common goals across the organization, including alignment with short- and long-term goals and transitional phases to achieve this change.

» **Educate the organization on the value of credit measures** – All stakeholders should be equipped with a solid understanding of the BI tools and how they support the overall goals of the bank. Operational effectiveness could get a boost from a program to provide support for behavior change, including knowledge of user-friendly software applications. The resulting transparency in the objectives behind data analysis will back up systems with the right support at all levels.

4. Partnering for success

Working through these challenges alone could be arduous for a bank charting its own course. Firms can maximize value from their data and analytics by partnering with a vendor that provides tools or solutions built around data quality. If a vendor’s own solutions value high data integrity, the vendor will likely have recommendations on how to use their tools and incorporate check points into the processes to provide validation. In the long run, leveraging advanced data analytics and BI tools is an investment. If correctly implemented, will pay dividends in the form of higher quality, more profitable loans and increased operational efficiency.

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<td>Tactical Issues</td>
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<td><strong>Data quality and consistency.</strong> Standardizing processes across the organization to capture the required data consistently on an ongoing basis</td>
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<td><strong>Multiple systems.</strong> Integrating systems to avoid data gaps, overlaps, and incomplete datasets</td>
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<td><strong>Reliance on decentralized tools and processes.</strong> Ensuring manual processes are automated and leverage new hosted technologies to provide accessibility to all users and create consistency in outcomes</td>
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