Yellowbrick
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SYSTECH

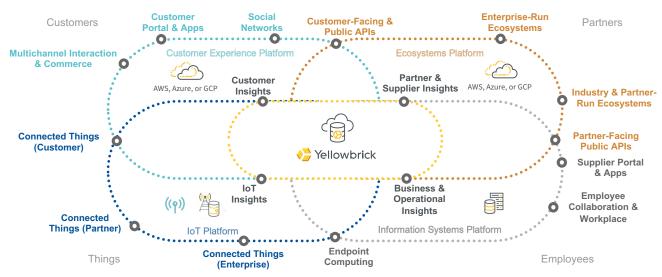# Modern analytics for the insurance industry

It's often said that data and analytics are at the epicenter of all modern digital business platforms. More than before, it is vital that Insurance CIOs build them with robust enterprise intelligence capabilities, in order to better support smarter actions across the value chain.

In a post-COVID world, an accelerated digital transformation can boost projects into long-term innovation foundations, streamline digitization and automation of key processes to accelerate growth, as well as create a startup mindset culture that believes in human capital and sustainable investments. "Smart technologies" can streamline this process in areas like Customer Experience, Operational Excellence (Claims), Risk Assessment, Fraud Detection, Compliance and Security. A single view of the customer – or 'Customer 360°' – of your customer and their behavior can make a monumental difference. Understanding your customer journey and building digital, automated processes are the first steps toward providing an impactful customer experience.

The adoption of this technology can exponentially improve Intelligent Claims Management and boost performance on various fronts, such as improved Customer Satisfaction Scores, Improved Effectiveness (Claim Handling Accuracy), and Efficiency (Reduced Claim Expenses). Additionally, a modernized data analytic framework can support Product and Risk Analytics in their pursuit to achieve more granular exposure analysis, enhanced product design, improved underwriting, enabled better pricing precision, and radicalized adjudicate claims. More importantly, these tools in combination with others, are vital when addressing insurance fraud and real-time operations.

Data and analytics best practices and technology are the single most valuable tool in defining digital business strategies. The success of a connected, digital enterprise is driven by a modern data platform. Yellowbrick and Systech Solutions, Inc. can help you transform into a modern digital business.

Data and analytics with Yellowbrick, the data warehouse for distributed clouds

Reference: Gartner

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**Yellowbrick Data Warehouse
for Insurance Analytics
The data warehouse for distributed clouds**

Yellowbrick Data Warehouse is the first MPP analytics database designed to take best advantage of whatever physical (optimized instances) or virtualized (Kubernetes) infrastructure it runs on—delivering 100X performance on real-time and at-rest data for thousands of users, at a fraction of the cost of alternatives. On top of that, we add a modern, industry-standard database interface (PostgreSQL) that's familiar to users for ecosystem compatibility.

The result is a modern, quickly provisioned, and easy-to-use solution for insurance analytics use cases like Customer 360, claims processing, dynamic underwriting, risk modeling, and fraud detection that blows the doors off rivals in price/performance, and that can be deployed anywhere (private data centers, public clouds, and even at the edge). That makes Yellowbrick the best choice for data warehouse modernization, BI acceleration, or data lake augmentation projects in insurance companies.

Unbeatable economics
Legacy platform costs are too high, and cloud-only vendors with unpredictable consumption-based fees have no incentive to improve performance. Instead, we offer industry-leading price/performance under three fixed-rate subscription service plans (see comparison table). The more queries you run, the lower the cost per query.

Data integration options for every use case
Load real-time data into Yellowbrick via Kafka streaming, from OLTP databases for CDC, and via ETL using Informatica, Oracle GoldenGate, Apache Spark, and other common data motion tools. Also, create joins with external tables in Amazon S3, Azure Data Lake Storage v2, Google Cloud Storage, and MinIO object stores directly from SQL.

Fast, easy migrations
Migrations are fast and easy from any legacy platform, and PostgreSQL compatibility ensures easy access to common skill sets. We'll work with you to validate your use cases and success metrics along the way.

Try our free 7-day Test Drive: yellowbrick.com/test-drive

Key features

- **Industry-leading speed out of the box**
  Run sub-second ANSI SQL queries on billions of rows of real-time and at-rest data, with no manual indexes or tuning needed. Advanced workload management ensures fast, reliable query execution across mixed workloads.

- **Battle-tested for business continuity**
  Rely on a database designed for high availability (including replication), with a track record of backing production, business-critical applications.

- **Security & Privacy as top priorities**
  Protect sensitive data through a strictly "private by default" approach to data and management access that includes encryption/fast decryption and role-based access control over every database object.

SYSTECH

Systech Solutions delivers measurable value, fast. They accomplish data and analytics initiatives 2x faster for 2x lower cost than most providers. With an unsurpassed technical breadth and depth along with 25+ years of industry experience, Systech is a leader in their field, having executed thousands of data strategy and management projects for businesses across verticals with a 100% success rate. To learn more about Systech, please visit: **www.systechusa.com.**