

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.



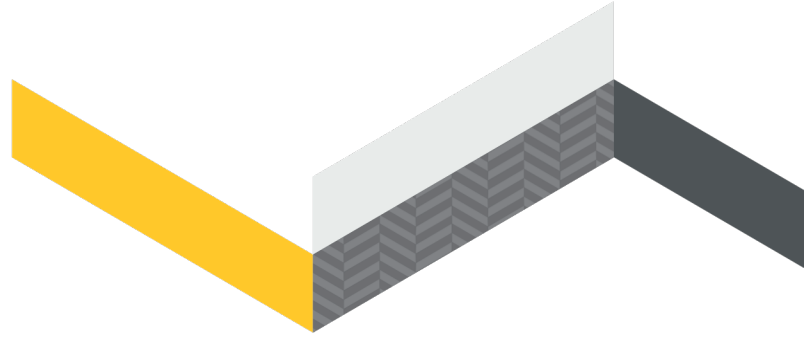
Fast, easy migrations

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.

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.

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



Case studies

Top 5 Global Insurance Company

This major global insurance company, with more than \$90 billion in annual premiums, has numerous Yellowbrick use cases for fast, reliable data analytics across 30 business units comprising 60,000 databases (220TB). Results include:

- Reduced claims ratio processing time from 2 days to 2 hours
- Contributed to reduction in underwriting time from days to minutes
- IFRS-17 compliance achieved

Top 15 U.S. Health Insurance Company

This major Blue Cross Blue Shield company, with plans serving 6 million members, replaced Apache Hive with Yellowbrick for interactive SQL analytics on top of a massive Hadoop data lake for clinical and care delivery use cases. Results include:

- 1000+ users enabled for ad hoc, interactive analytics for the first time
- Seamless SAS integration, with support for loading 1 billion SAS observations

Top 5 EU Insurance Company

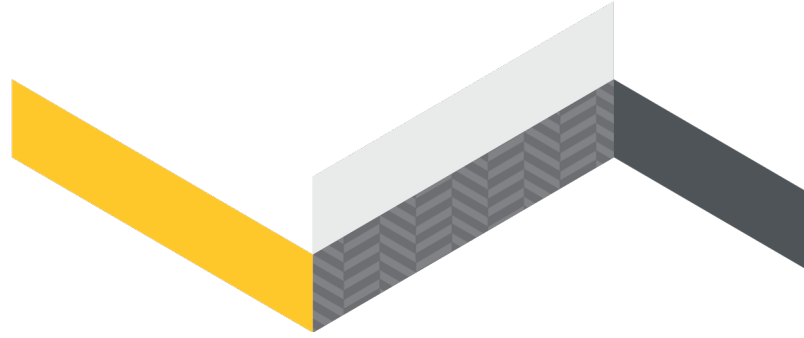
Yellowbrick helps this US\$50 billion insurance company analyze massive amounts of data in a fraction of the time, and at a fraction of the cost, of its legacy data warehouse environment—while enabling thoughtful, low-risk cloud adoption. Results include:

- Subsecond queries for 100+ concurrent BusinessObjects users (6X faster than legacy system)
- Financial close workload processing time compressed from 1-2 days to under 2 hours
- Queries migrated as-is, with no tuning required

Top 5 U.S. Auto Insurance Company

After standardizing on Yellowbrick, this top U.S. auto insurer expects to onboard more than 40,000 new end-users to its Yellowbrick Data Warehouse over the next few years. Results to date include:

- Execution of complex queries went from hours to seconds
- ETL time for monthly close processing went from 4 hours to 10 minutes
- Employee time needed to support financial close process reduced by 500%



SERVICE PLANS COMPARISON

Predictable OPEX subscriptions are available under three different service plans:

	Standard		Enterprise		Enterprise +	
	In Data Centers	In Cloud	In Data Centers	In Cloud	In Data Centers	In Cloud
Industry-leading Price/Performance	✓	✓	✓	✓	✓	✓
User Data Limit	10TB	10TB	6PB	6PB	6PB	6PB
Native Streaming Support (millions of rows/second)	✓	✓	✓	✓	✓	✓
Distributed Data Cloud Architecture	✓	✓	✓	✓	✓	✓
Encryption at-rest and on wire	✓	✓	✓	✓	✓	✓
High-speed parallel import and export; Kafka & Spark connectors	Up to 10TB/Hour	Up to 10TB/Hour	10TB/Hour	10TB/Hour	10TB/Hour	10TB/Hour
HA/Automatic Failover	✓	✓	✓	✓	✓	✓
Cloud DR Support			✓	✓	✓	✓
Advanced Workload Management	✓	✓	✓	✓	✓	✓
Private Link Support in AWS/Azure/GCP		✓		✓		✓
Backups	Customer discretion/self-service	Managed hourly backups with weekly retention (encrypted)	Custom RTO/RPO and self-service retention	Managed backups with custom RTO/RPO and	Custom RTO/RPO and self-service restore	Managed backups with custom RTO/RPO and self-service restore
Support	12x5, 24-hour SLA	12x5, 24-hour SLA	24x7, 4-hour SLA	24x7, 4-hour SLA	24x7, 4-hour SLA	24x7, 4-hour SLA
Cloud Compliance	SOC 2 Type 2, ISO 9001, ISO 27001, ISO 14001, ISO 50001	SOC 2 Type 2, ISO 9001, ISO 27001, ISO 14001, ISO 50001	SOC 2 Type 2, ISO 9001, ISO 27001, ISO 14001, ISO 50001	SOC 2 Type 2, ISO 9001, ISO 27001, ISO 14001, ISO 50001	SOC 2 Type 2, ISO 9001, ISO 27001, ISO 14001, ISO 50001	HIPAA, PCI-DSS, SOC 2 Type 2, ISO 9001, ISO 27001, ISO 14001, ISO 50001

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