

Symphony Data

A governed analytics layer your actuaries open from Excel — fast pivots over data you already trust

Symphony Data gives the actuarial and finance teams a single, governed place to slice the numbers that matter — directly from an Excel pivot table, or from the BI tool they already use. Underneath is a fast, in-process analytics engine and a semantic layer the business controls. The result is that an actuary can open Excel, drag a measure onto a pivot, and get a fast, consistent answer — without copying data around or waiting on a BI ticket.

FAST EXCEL PIVOTS

- Connects to Excel pivots using industry-standard cube protocols
- The actuary works in Excel — no new tool to learn
- Cube formulas behave the way Excel already expects
- Same data, same answer, whether opened from Excel or a BI tool

GOVERNED SEMANTIC LAYER

- Business-friendly dimensions, hierarchies and measures
- Calculations defined once, used everywhere
- Standard aggregations (sum, count, distinct count, average, min, max)
- Single source of truth across teams and tools

FAST UNDER THE HOOD

- High-performance in-process analytics engine
- Sub-second pivots over hundreds of millions of rows
- Pre-aggregations recommended from actual usage
- Benchmarked against a 100 million row workload

ENTERPRISE LOGIN

- Logs in through your existing identity provider
- Role-aware access — control what each user can see
- Row-level security so segments only see their own data
- Group and role permissions resolved per user

DATA SOURCES

- Reads from the data platforms and warehouses you already operate
- Standard databases and lakehouse engines supported
- Network drive and shared-folder support
- Schema discovery and preview before publishing

CUBE STUDIO

- Web app for designing models, security and refresh jobs
- Migration planner for existing SSAS, AAS and Power BI cubes
- Versioned deployments with one-click rollback
- Audit trail of every change and every query

Architecture Highlights

Excel-first, BI-tool-friendly

Excel connects directly using the same cube protocols Microsoft's own analytics products use, so pivots, drill-downs and cube formulas work the way users already expect. The same model is available to any BI tool that speaks the same protocols. The actuary sees a fast pivot; the platform takes care of the rest.

Governed model, controlled by the business

Dimensions, measures, hierarchies and calculations live in one place. Changes go through review and versioning. The semantic layer is the one place the business defines what a number means, and every downstream consumer agrees.

Security and governance built in

Enterprise login through your existing identity provider. Row-level security keeps segments and entities apart. Every change is audited; every published model is versioned with one-click rollback to any prior version.

Performance and observability

A high-performance in-process analytics engine sits underneath, with optional pre-aggregations recommended from real usage patterns. Long-running queries are bounded so a runaway pivot can't lock Excel. Observability and audit logging are built in.

Deployment

Ships as a containerised stack you can run on your cloud, on-premise, or under a managed SLA. No licence lock-in — the client owns the model, the data and the deployment.

Contact Us

To learn more, please contact our team
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Data Symphony

We are proudly BEE Level 1 Services Provider in South Africa.

Our team

- Qualified Actuaries (FASSA, CERA)
- Credit Modelling Specialists
- Data Scientists, Engineers and Analysts