

Transform Curiosity into Limitless Insight

You know your data contains valuable business insights. The challenge is getting those insights to the people who need to use them to make decisions in time for those decisions to matter. That challenge often manifests itself in the time it takes to create, run, refine and interpret the advanced or ad hoc analyses required that drive business critical decisions.

What if you could just ask your data questions?

Lumin is designed for everyone, to question, analyze data and share contextual business insights that matter the most. Lumin's powerful AI and machine learning engine instantaneously spots anomalies, trends and patterns and reveals insights on why something happened, what changed, what's the impact and what next - without relying on data experts or complex coding skills.

How does Lumin create value?



Reduce analyst time to process advanced and ad-hoc analytics requests from weeks to hours; most clients free up hundreds of hours per analyst per year



Harness the potential of advanced analytics and forward-looking insights with business relevant narratives



Setup and deploy impactful business use cases in no time, without the need for any manual/expert intervention or coding



Get a head start on unexpected shifts in your business using proactive insight 'nudges' and take decisions with confidence

Key features of Lumin



Next-gen search capabilities

Lumin provides you with a cognitive natural language search engine to answer any data questions on the fly.

- NLG-powered narratives with rich visualization provide context and direction to insights
- Auto spell check with intelligent insight recommendations
- Auto-detection of metadata with built-in semantic construct to determine business context, language, and abbreviations
- Multidata set compatibility to search on data tables in parallel



Full-spectrum analytics

Lumin offers AI-powered insights and intuitive data exploration for all

- **Explore:** Understand your data by slicing and summarizing it across KPIs
- **Diagnose:** Investigate the changes in your KPIs through deterministic and predictive models
- **Forecast:** Stay one step ahead by generating accurate and trustworthy causal forecasts for your KPIs
- **Simulate:** Generate “what if” scenarios by changing your KPI drivers to evolving business realities



Nudges

Lumin helps you know what, when, and why something happened sans the “data” noise.

- Automatically detect deviations that are likely to result in potential disruptions
- Identify reasons for deviation and segments with maximum contribution
- Recognize which events require further investigation
- Collaborate on anomalous data trends with your team



Contextual recommendations

Lumin provides personalized insight recommendation that understands you and your business.

- Deep learning-based insight recommendation engine
- Zero click drill-down mechanism through spontaneous recommendations
- Domain expertise combined with automated machine learning to iterate on and refine your insights discovery process.
- Inbuilt learning loop to make recommendations smarter over time



Explainable AI

Lumin builds trust and transparency in your insights with Lumin's Explainable AI (LXAI).

- Expose business friendly explanation of AI models
- See what goes “under the hood” from complex models to convoluted algorithms
- Monitor and track model selection and reliability with interpretable metrics
- Make effective, trustworthy decisions with AI-powered intelligence



Built-in collaboration

Lumin helps you collaborate with your peer groups to socialize insights and learn from collective knowledge.

- Add charts to workspace and publish your data stories in an instant
- Share with your peer group via product interface or email
- Make your insights more interactive by adding comments while sharing
- Collaborate with your workforce anytime, anywhere, across devices



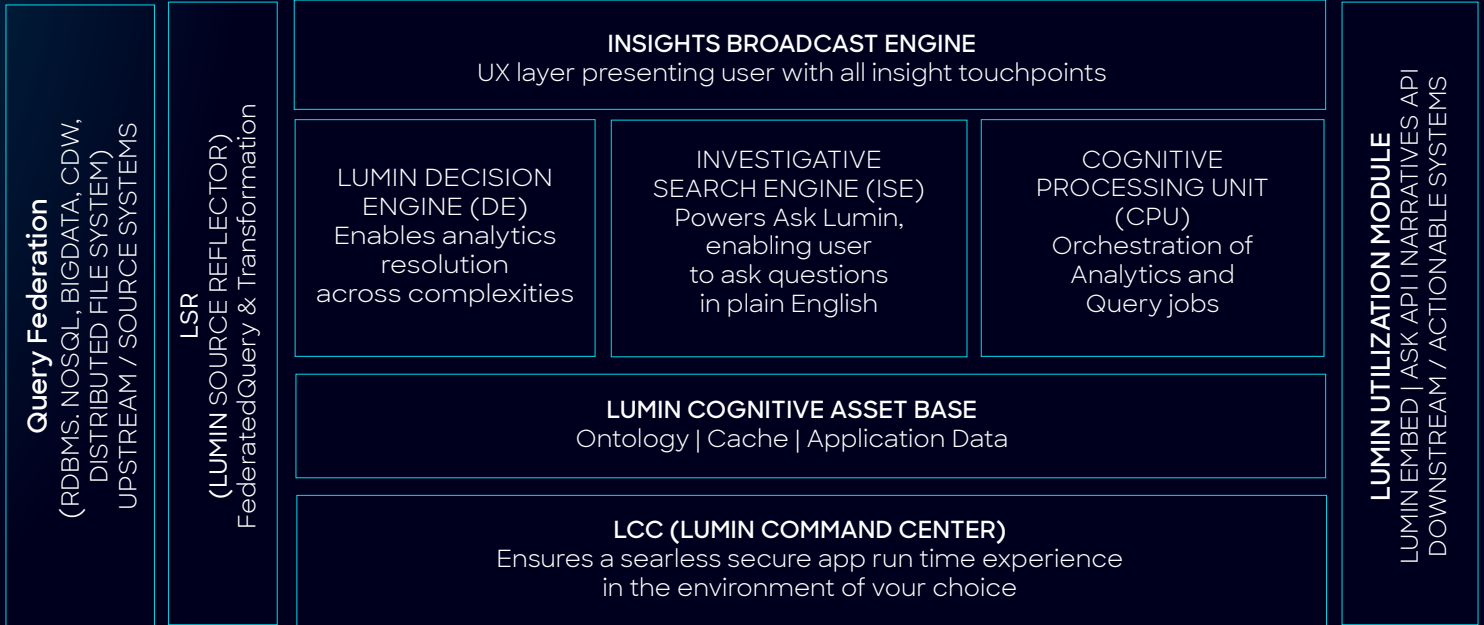
Self-service creator

Lumin brings your data closer to self-serve in just a few clicks.

- Easily connect with your source data, whether it is in data lakes, data warehouse, or in your desktop in seconds, sans IT or tech dependency
- Configure Lumin's cognitive engine to your preference, by adding your business lexicons
- Set up Lumin's decision engine with your choice of KPIs, or advanced diagnostic and predictive analytics workflows
- Test and launch your business use cases at lightspeed

Product Architecture

Lumin provides unprecedented speed to decision insights along with enterprise security, governance and scale. The federated query engine accelerates data retrieval and the cognitive decision engine is trained to provide accurate and reliable answers. The utilization module activates Ask and narrative APIs to respond to queries with contextual answers and intuitive visualizations.



Deploy on



Client endorsements

"Provides data storytelling the way it is meant to be."

- Director, Fortune 500 Pharma Enterprise

"This will be a game-changer, once users are acquainted. Biggest benefit has been with time and effort reduction in getting the desired result."

- Chief Digital & Information Officer, Leading Indian Luxury Accessories Brand

"Unmatched user-experience makes insights jump off the page!"

- Senior Manager, Fortune 500 Pharma Enterprise

"Perfect for trend analysis and getting summarized view which will give us the right direction on where to look."

- Manager, Field Services, Fortune 500 HVAC Manufacturer

"A great diagnostic and analytical tool that can manage real-time data."

- Infra and Ops lead, Fortune 500 Pharma Enterprise

"Excellent tool, simple and effective. Ability to bring in visualization on the fly is impressive."

- Retail Sales Leader, Leading Indian Luxury Accessories Brand

The Fosfor Product Suite is the only end-to-end suite for optimizing all aspects of the data-to-decisions lifecycle. Fosfor helps you make better decisions, ensuring you have the right data in more hands in the fastest time possible. The Fosfor Product Suite is made up of Spectra, a comprehensive DataOps platform; Optic, a data fabric to facilitate data discovery-to-consumption journeys; Refract, a Data Science and MLOps platform; Aspect, a no-code unstructured data processing platform; and Lumin, an augmented analytics platform. Taken together, the Fosfor suite helps businesses discover the hidden value in their data. The Fosfor Data Products Unit is part of LTI, a global technology consulting and digital solutions company with hundreds of clients and operations in 31 countries. For more information, visit [Fosfor.com](https://fosfor.com).