

Search & AI-Driven Analytics

Next-Generation Analytics Platform for the Enterprise



ThoughtSpot is the next generation analytics platform that makes analytics accessible for every business person through the power of search & AI. It's simple, smart, and delivers speed at scale, enabling business people to use an easy, natural search experience to analyze company data in seconds and get trusted AI-driven automated insights in a single click.



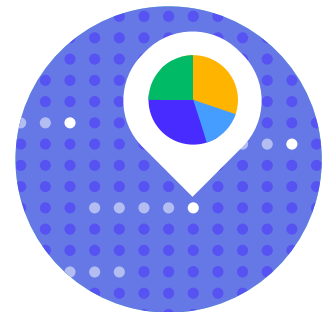
Simple

Designed for true self-service for everyone



Smart

Answers both known and unknown questions



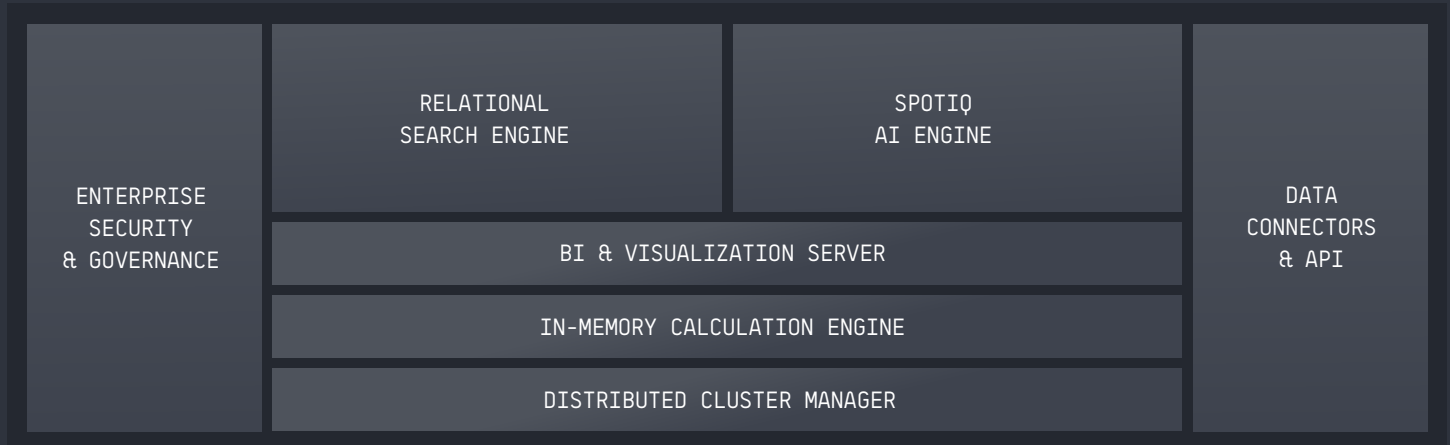
Fast

Lightning fast answers on 10s of billions of rows



Product Architecture

ThoughtSpot's new breed of in-memory analytics architecture is built from the ground up for speed at scale on billions of rows of data across multiple sources - all while delivering sub-second performance and enterprise governance. With built-in capabilities to handle complex data schemas at scale, there's no need for pre-built cubes, pre-aggregations, or SQL query tuning, saving BI teams months of data modeling and performance optimizations.



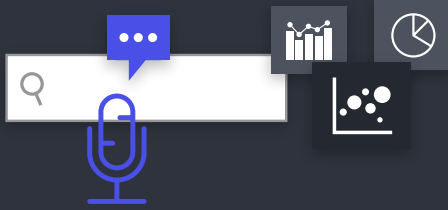
Product Features



Relational Search

A guided, intelligent, search experience that lets anyone analyze data in seconds.

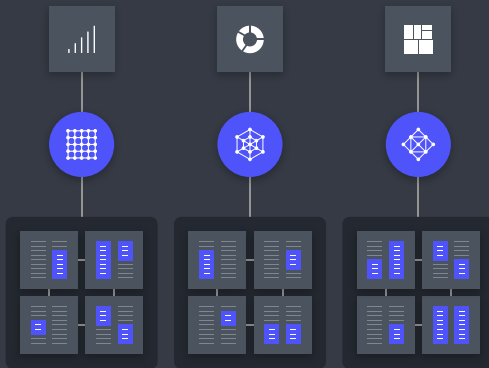
- Automatic Search Index** Instantly indexes your data and schema on cache for fast and easy end user search
- Guided Suggestions** Relevant search suggestions as you type, based on your data, metadata and usage behavior - all presented in real time
- DataRank** Machine learning ranking algorithm leveraging collective intelligence from prior usage, security rules, and characteristics of your data and metadata
- Synonyms** Real-time keyword validation for customizable synonyms, homonyms, and misspelled words for enterprise-wide usability
- Advanced Keywords** Use search to incorporate formulas, advanced analysis, nested queries, complex joins and multiple join paths
- Search Inspector** Explains how your search terms were transformed into executable SQL



SearchIQ Conversational Analytics

Conversational analytics for a voice-driven world.

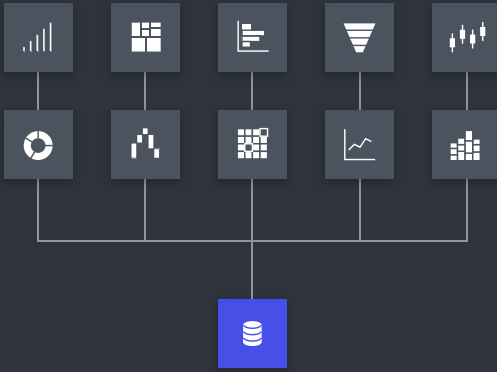
Natural Language Search	Easily converse with your data using casual, everyday language and get precise answers to your questions in an instant
Voice-to-Text	Voice-driven technology that makes search more engaging for end users
Teach Your Lexicon	View how search terms are mapped and define your own vocabulary to fine tune your query
Collective Intelligence	Search gets better with use through crowd-sourced implicit and explicit user feedback



SpotIQ Automated Insights

Get trusted, automated insights from billions of data points in a single click.

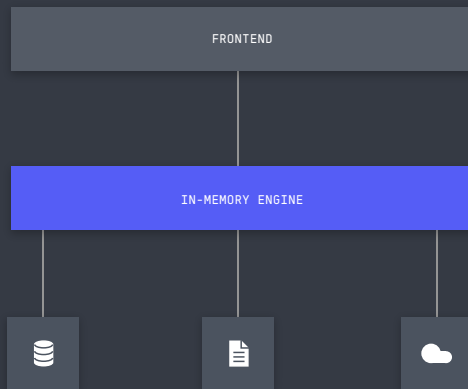
Sophisticated Algorithms	Auto-detect anomalies and outliers. Discover trends on noisy data. Identify relationships between measures that you didn't know about
Pervasive Instant Insights	Uncover deeper answers with "Did you know?" insights on your Smart Home Page and Instant Insights on answers and pinboards
Comparative Analysis	Easily select multiple points and calculate significant differences in the data
Natural Language Narratives	Insights are described in a way you understand so you can make faster, better informed decisions
AI Inspector	Explains how your insights were generated based on search queries, drill downs, and applied computations
Custom Analysis	Include or exclude attributes or tweak the parameters of each algorithm with ease
Human Feedback Loop	Built-in machine-learning algorithm finds related data that gets better with use. Enhance insights with explicit thumbs up/down feedback.
Scheduled Analysis	Subscribe to interesting insights or schedule insights to be delivered to you when you need them
Custom R-integration	Streamline BI and advanced analytics workflows to bring data science closer to business outcomes



BI & Visualization Server

Automatically generates queries and best-fit charts.

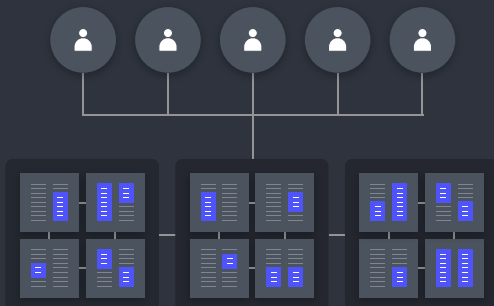
Smart Query Generation	Translates search terms into an optimized query plan that returns 100% accurate answers
Query Visualizer	Visual representation of the query, including data lineage, run-time joins, and the underlying calculations performed
On-the-fly calculations	Calculates every answer in real time as you type with real time aggregations on your transactional data
Data Worksheets	Reusable logical data models that combine various physical data sets into a single logical entity
Best Fit Visualizations	Intelligently chooses from dozens of visualizations as you type and presents them in real time based on characteristics of the data
Dynamic Pinboards	A drag-and-drop story building experience to help you organize insights on live dynamic dashboards
Drill Anywhere	Ad-hoc drill down and across any dimension without the need for a hierarchy or pre-defined drill path
Alerts & Notifications	Alerts and scheduled reports notifications so you'll never miss the latest analysis



Falcon In-memory Calculation Engine

Crunch billions of rows of data in milliseconds.

Massively Parallel Processing (MPP)	Automatic parallelization of queries on a columnar data cache returns results across billions of records in seconds
JIT-compiled Queries	Dynamic machine code generation and compilation speeds query execution and processing for instant answers
Results Cache Optimizer	Built-in search results cache ensures high concurrency and fast performance on common queries
Data Sharding & Replication	Intelligent organization of data based on schema and table size for fast large scale joins



Distributed Cluster Manager

Monitor, manage, and scale-out with ease

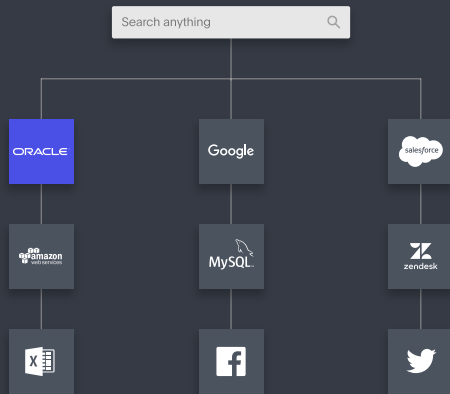
Web-Scale Architecture	Optimized workload distribution across a multi-node cluster designed to scale out infinitely to support 100s of TBs of data
Dynamic Fault Tolerance	Built-in data replication, redundancy, automatic node failover, and automatic backups ensure system availability in the event of a failure
System Utilization and Performance Monitoring	Out-of-the-box administration dashboards provide complete visibility into system health along with real-time alerts



Enterprise Security & Governance

Secured, trusted, and governed access for the world's largest companies

LDAP & SAML Integration	Native support for directory services and easy integration with existing enterprise SSO solutions
Fine-grained Access Control	Access to data, answers, and Pinboards are restricted by granular user and group privileges
Object, Row & Column-level Security	Restrict data access down to the row and cell level based on customizable permissions
Data Lineage & Auditability	Built-in usage analytics provides full auditability of data access, pinboard usage, and more



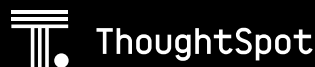
Data Connectors & APIs

Easily bring data from any source into ThoughtSpot.

Connect Any Data	Bring any data into ThoughtSpot using industry standard ODBC/JDBC interfaces
Flat File Upload	Drag and drop Excel spreadsheets, CSVs, or any other delimited file
Fast Parallel Loader	Load large data sets in bulk at speeds up to 1TB/hour
REST-based API	Enable developers to freely customize their own visualizations powered by ThoughtSpot's Relational Search Engine

Deployment Options

Flexibly deploy in the cloud or on-premises



Smarter insights at the speed of thought.

[Request a Demo](#)