Weaviate

The AI–Native Vector Database

The easiest way to build and scale AI applications

We're glad to meet you.

- **Founded in 2019** as an AI-native vector database
- **AI-native,** built from the ground up
- **$50 Series B in April '23,** Backed by Index Ventures, Battery Ventures, NEA, Cortical
- ~65 employees globally (and growing!) majority in Product and Engineering

600+
Paying Customers

4.8
G2 Rating

3M+
Downloads

7K+
Github stars

INFRA RED

InfoWorld BOSSIE 2023 Awards

stack overflow

INSTABASE

Red Hat

Mutiny

shippo

The future of software is **AI-native**.

The future of software is **AI-native**.

And requires infrastructure that is flexible, open source, and reliable.

Why Weaviate

Performance & Scale

Scale to Billions of vectors.
Vector compression algorithm.
Native isolated multi-tenancy.

End-to-End Focus

Modules allow for easy integration with the AI landscape.
Simplified developer experience.

Built-In Hybrid Search

Keyword and Semantic together.
Relevance ranking.
No secondary database needed.

Flexible Deployment Model

Deployable on ANY environment:
SaaS/On-Prem/Hybrid.

Vectors & Objects

Store both Vectors and Objects as first-class citizens.

Community

3M+ downloads
Support & Documentation

Building and scaling production-ready AI applications isn't easy.

DEVELOPMENT CHALLENGES

Legacy techniques for storing and searching data have limitations.

High barrier of entry for building AI applications. Tool and process silos.

Data privacy concerns around storage and model training.

BUSINESS CONSEQUENCES

High TCO

Poor user experiences

Poor developer experiences

Slowed revenue growth

A flexible, reliable foundation for all of your AI applications.

Semantic search

Question-Answering systems

Image / audio / video search

Chatbots

Recommendations

Agents

Weaviate

AI–Native Development with Weaviate

Hybrid Search
Vectors and objects
Auto-vectorization
Filtering

**Retrieval Augmented
Generation (RAG)**
ML modules
Explainable results
Data privacy

**Generative Feedback
Loops**
Content generation
Automatic tagging
Data enrichment

Developer Enabled Workflows	Extensible platform | Pluggable ML modules | Auto-vectorization | 25+ Integrations
Purpose–Built Architecture	Isolated multi-tenancy | Hybrid search | Filtering | PQ compression
Secure, Flexible Deployment	Open source | Serverless SaaS | Enterprise Dedicated | Bring Your Own Cloud (BYOC)

Unlock the power of search to deliver better insights to your customers

- Perform powerful vector and keyword search across all of your data, at scale.

- Simplify development with pre-built modules for vectorization and LLMs.

- Deliver results with the speed and accuracy users expect, efficiently.

Build secure, stateful, explainable AI applications with less hassle

- Use proprietary data for LLM-based apps, without sacrificing privacy.

- Easily plug in different ML frameworks and models to find what suits your use case.

- Scale with a reliable, flexible, open source platform that adapts to your needs.

stack overflow

"Weaviate included model serving and multi-tenant implementation which have helped us quickly prototype and build our vector search at Stack."

Constantin Kokkinos
Staff Data Platform Engineer

MOONSIFT

"Within a couple of weeks we had a novel, production-ready AI-powered search engine. Easy to set-up, good documentation, and responsive support. Exactly what we needed."

David Wood
CTO

INSTABASE

"Building with AWS and Weaviate allows us to innovate at the speed customers need while keeping accuracy, data privacy, and explainability top of mind."

Anant Bhardwaj
CEO

58M
Questions and answers

60M
Product SKUs

Unlimited
Documents

Ask like a human: Implementing semantic search on Stack Overflow

Semantic search allows users to search using natural language instead of a rigid syntax of keyword manipulation.

Search has always been core to the Stack Overflow experience. It was one of the first features we built for users, and since the early days of Stack Overflow, most of our visitors have come to us through search engines. With search engine referrals consistently comprising over 90% of our site traffic, we felt for many years as though this was a solved problem.

MOONSIFT

Building an AI-Powered Shopping Copilot with Weaviate

UK-based startup Moonsift is harnessing the power of AI—using machine learning models and Weaviate's vector database—to help online shoppers discover the products they love. Moonsift offers an ecommerce browser extension for users to curate shoppable boards with products from across the internet.
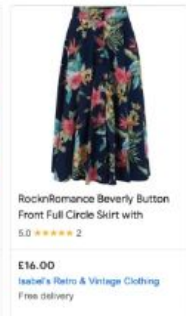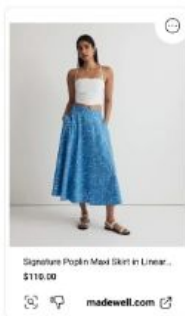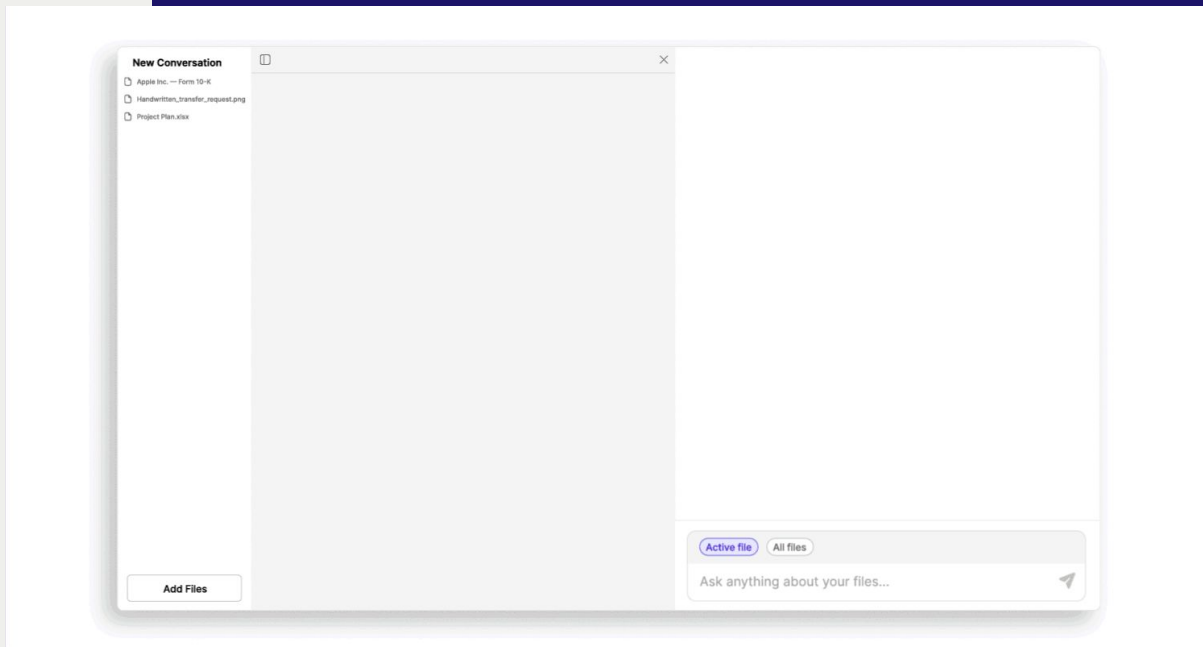
INSTABASE

Engage in a conversation with your content

[AI Hub Converse](#) lets you create a conversation with your content to extract insights, analyze, [summarize](#), [translate](#), reason, or even generate new content. Instabase creates a digital representation of your content, from handwritten notes to spreadsheets, that gives GPT-4 a newfound understanding of structure, style, and meaning.
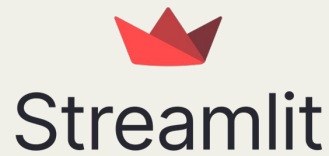

New Conversation

- Apple Inc. — Form 10-K
- Handwritten_transfer_request.png
- Project Plan.xlsx

Active file | All files

Ask anything about your files...

Add Files

Why build
with Weaviate

- Pluggable ML models
- Built-in hybrid search
- Developer experience & ecosystem
- Unique multi-tenant architecture
- Flexible, secure deployment

Integration to the AI ecosystem

Security, privacy, and reliability

Secure Deployment	End-to-end Encryption	User Authentication	Native Multi Tenancy
Run in a dedicated tenant or in your own VPC.	Data is fully encrypted in transit and at rest.	Connect to your identity provider to rely on built-in mechanisms.	Isolate data with industry-leading tenant management.

Advanced Firewall Protection	Active Monitoring	Multi Availability Zones	Automated Backups
Take extra precaution against malicious threats.	We proactively monitor our systems and are on standby 24/7 for incidents.	High availability and resilience across 3 zones.	Rest easy with daily backups and snapshots.

Architecture Diagram

Any data type ranging from text, audio, image, depth, healthmap, more...

Microsoft | Azure Marketplace

LLM models
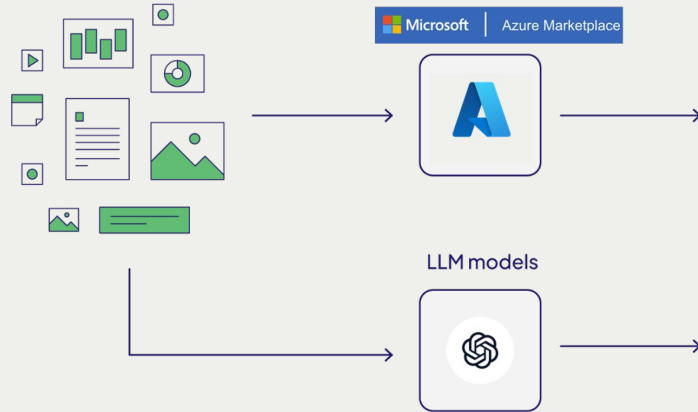
Optional, direct integration with embedding and generative AI providers

Apps

LLM models

Azure OpenAI Service

Vector Database

Infrastructure
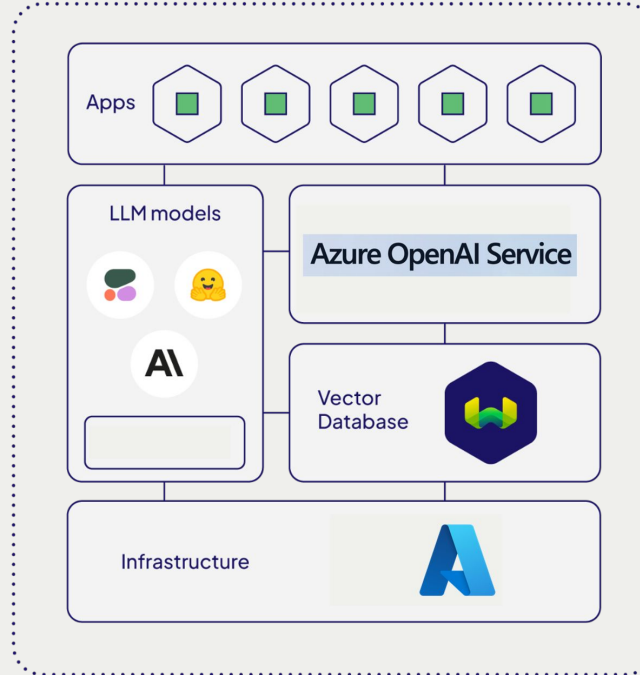
One infra, One data store No secondary database needed.

Thank you

azure@weaviate.io

Connect with us!

🌐 weaviate.io

⊙ weaviate/weaviate

🐦 weaviate_io