Fast, Accurate, Scalable AI for Knowledge Discovery

Email: max@max.io

MAX.IO

Critical knowledge remains hidden in hard to use repositories

Your customers want answers and guidance, not documents

We can help! We provide consulting, training, and software, to improve your product

Get Started with a workshop

A mixture of training, brainstorming, and planning, over two half-days.

- Day 1 (4 hours): We cover the advantages, challenges, and cost impacts of vector search, NLP, and hybrid search.
  - Introduction to Vector Search: How it works, benefits, use cases, and gotchas
  - Introduction to NLP: Named Entity Recognition, Question Answering, Classification, Summarization
  - Introduction to Hybrid Search: Combining multiple search features for success
  - Common issues – accuracy, scalability, costs
- Day 2 (4 hours): Collaborative brainstorm and roadmap.
  - Deep dive on what users are searching for and why, and how AI can we help
  - Short and long term goals, and likely issues we will face
  - Budgeting and team assignment
  - Roadmap

Email for more info!
max@max.io

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Our solution: Software and Services

Professional Services

- Leveraging/Integrating AI for increased business value
- Fine-tuning models to adapt to your product/domain
- General AI consulting

$275 per hour

We also give training and workshops.

Software

- Mighty Inference Server
- Fast model hosting that is ready to use in your product stack
- Pay-per-product, or white-label unlimited rebranded/resale

$99/month license

We can help with any stack.

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Mighty ECFR

Contact us for a demo:
Get Answers from the US Code of Federal Regulations

grants for low income housing in rural areas

1. The Federal Register publishes Notices of Funding Availability (NOFAs) for Federally assisted low-income housing in rural areas. [1]
2. The Rural Development program offers assistance to low-income rural residents in obtaining and maintaining occupancy of adequate housing, including financial and budget counseling, home maintenance and management, and outreach programs. [2]
3. The Technical and Supervisory Assistance Grants program provides funds to eligible applicants to conduct programs of technical and supervisory assistance for low-income rural residents to obtain and/or maintain occupancy of adequate housing. [3]

[1] 24 CFR § 761.15 Qualifying for funding.

Subpart B - Grant Funding *(0.9017892)*

federally assisted low-income housing, as the term Federally assisted low-income housing is defined in § 761.10. Notices of Funding Availability (NOFAs) published in the Federal Register will contain specific information concerning funding requirements and eligible and ineligible applicants and activities.

Title 24 - Housing and Urban Development--Volume 4 Subtitle B - Regulations Relating to Housing and Urban Development (Continued) > CHAPTER VII - OFFICE OF THE SECRETARY, DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HOUSING ASSISTANCE PROGRAMS AND PUBLIC AND INDIAN HOUSING PROGRAMS) > PART 761 - DRUG ELIMINATION PROGRAMS

[2] 7 CFR § 1944.506 Definitions.

Subpart K - Technical and Supervisory Assistance Grants *(0.89541173)*

. Such assistance must include, but is not limited to, the following activities:
(1) Assisting individual Rural Development borrowers with financial problems to overcome delinquency and/or prevent foreclosure and assisting new low-income applicants to avoid financial problems through:
(i) Financial and budget counseling including advice on debt levels, credit purchases, consumer and cost awareness, debt adjustment procedures, and availablity of other

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Case Study:

See how MAX.IO Integrated AI into EBSCO Clinical Decisions

https://haystackconf.com/us2023/talk-7/

HAYSTACK

Home Training Travel Past Conferences Past Talks

Vector Search for Clinical Decisions

Erica Lesyshyn and Max Irwin • Location: Theater 5 • Back to Haystack 2023

EBSCO's Clinical Decisions is committed to providing health care professionals with precise answers to their clinical questions. Achieving a balance between precision and recall can be especially difficult for complex queries. Practitioners expect highly relevant search results but also appreciate supplementary results when appropriate. Our existing Elasticsearch engine and knowledge graph was failing to achieve the desired results for these complex queries, typically expressed as long-form natural language. Join us as we outline our journey to deploy a high-quality vector search solution to production for EBSCO's DynaMed and Dynamic Health products. We will detail the domain, problem space, previous failed attempts, technology choices, model selection, relevance testing methodology, validation with stakeholders, and rollout to our existing customers.

Download the Slides | Watch the Video

Erica Lesyshyn
EBSCO Information Services

Erica Lesyshyn is a Distinguished Software Engineer at EBSCO Information Services. She leads advancements in search technologies, focusing on the development of high quality solutions for point-of-care practitioners. She specializes in critical discovery within the medical domain, designing holistic solutions to improve precision. Her expertise includes semantic search, paid search, geo-fencing, real-time bidding, and knowledge graphs.

Max Irwin
MAX.IO LLC

Max Irwin is the founder of MAX.IO, where he builds and sells AI products and models to businesses that need predictable and scalable solutions. Prior to forming MAX.IO, he was a managing consultant at OpenSource Connections. With over 12 years search experience, he has helped dozens of companies improve search quality, and has trained hundreds of developers in search and machine learning. He is also a contributing author of the upcoming Manning book "AI Powered Search".

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Don’t use AI alone. Speak to an expert!

- Mysterious – AI is a black box, and it can be unpredictable and untrustworthy. ***We show you the way!***
- Inaccurate – All models require expertise, tuning, and adaptation. ***We help choose and tune models!***
- Slow - AI models are expensive, unoptimized, and difficult to integrate. ***We help you get AI production ready.***

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MAX.IO’s customers have lots of text content

Enterprise businesses with sparse knowledge that is difficult to find and interpret.

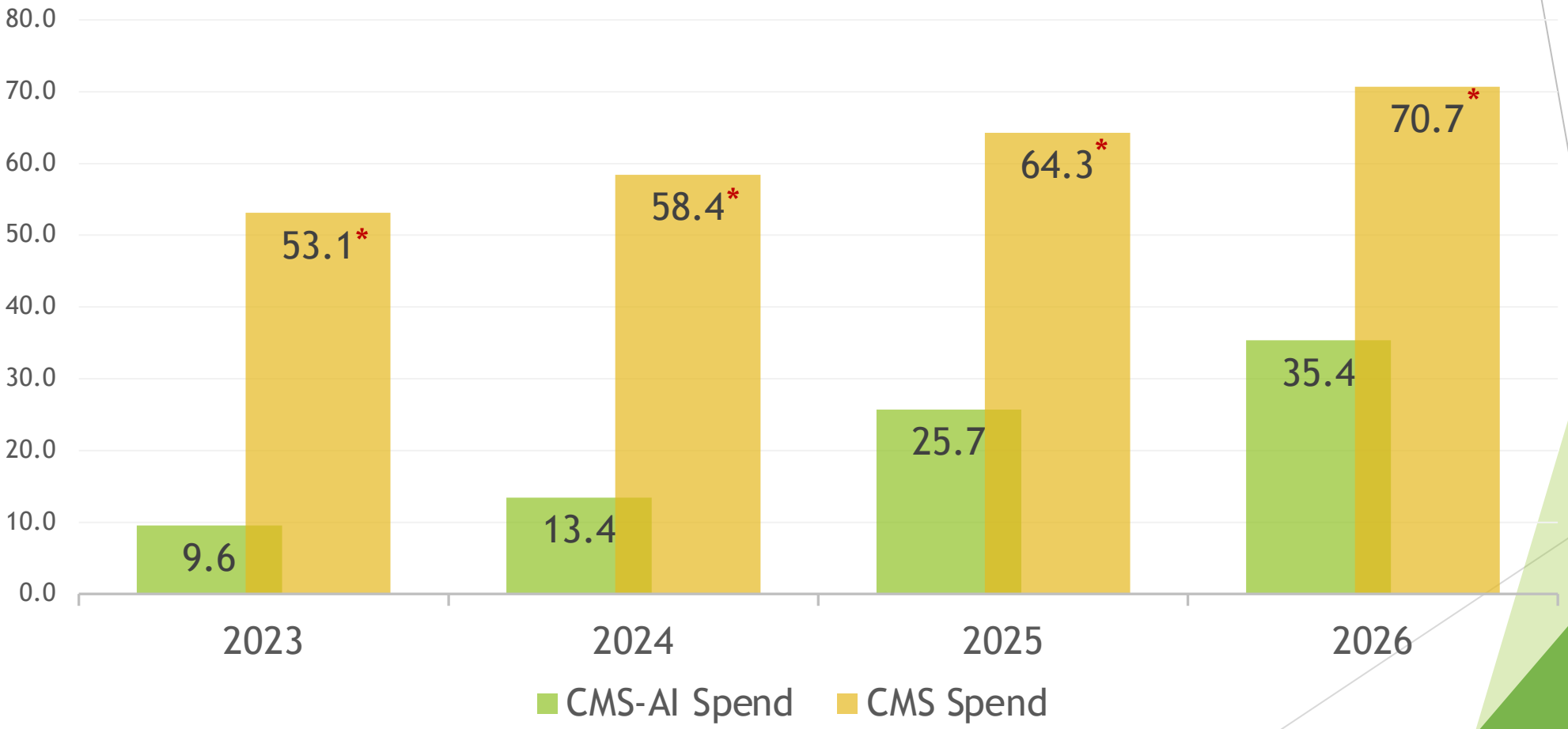
Knowledge Discovery product platforms that are at risk of being disrupted.

Content companies struggling with AI Integration, data quality, and growth.

Content Management Software and applied AI

global market size in billions (2023-2026)

CMS-AI market size: estimated 20% of CMS market, and growing.



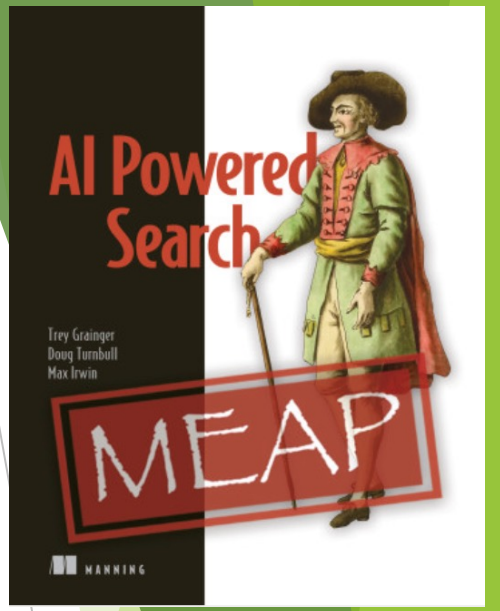
* Source Statista, February 2023
https://www.statista.com/statistics/643850/worldwide-content-management-software-market-share

MAX.IO

Founder: Max Irwin

- 23 years of experience in software delivery
- 12 years of experience in information retrieval
- 7+ years of experience in NLP/AI integration

- Consultant to dozens of $multi-billion content firms
- Recognized industry expert, author, speaker, trainer



Contributing Author
https://aipoweredsearch.com

I have a deep understanding of problems and solutions for knowledge discovery and information retrieval

Email: max@max.io | LinkedIn: https://www.linkedin.com/in/maxirwin/

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max@max.io