



Grow Your Business with AI: Webinar Presentation

About the Speaker

Sergii Shelpuk

- Worked in AI & Data Science since 2013
- Led AI & Data Science departments for 4 companies, including a billion-dollar one
- Helped raise \$52.5M in venture founding as a management team member
- Co-founded an AI product for biopharma R&D
- Graduated from LSE and Stanford



Sergii Shelpuk

Edvantis AI Consulting Expert,
Global Strategy and
Implementation

About Edvantis

Edvantis is a global software engineering company helping businesses stay competitive in the digital world.

We modernize infrastructure, automate processes, and deliver AI-driven solutions to improve efficiency, agility, and growth.



20+ years of experience



400+ employees



450+ delivered projects



40+ active clients



Top 100 Outsourcing
Company | IAOP



ISO/IEC 27001:2013
Certified



2024 | Clutch Global
Awards Winner



Software Development
Services Grid Leader | G2

Question to the Audience

How familiar are you with AI?

(Rate yourself on a scale from 1 to 5)

1 – I'm new to AI

5 – I'm already using AI in my business



Today's AI Use Cases



Talk to Your Data – RAG Architectures

- LLM answers the questions based on your documents



Information Extraction

- Extracting information from the unstructured data



Document Generation

- Generate documents from structured data input



Question to the Audience

What AI benefit would matter most to your business?

(Pick one that would make the biggest impact)

- ☐ Increased efficiency
- ☐ Cost reduction
- ☐ Better decision-making
- ☐ Enhanced customer experience
- ☐ Other



Talk to Your Data – RAG Architectures

Application: Translation

Document types:

- Historical translations
- New translation pairs

Model:

- Custom-trained mt5

Document Store:

- Postgres + pgvector



Application: Virtual Lawyer

Document types:

- Legislation
- Government rulings/decisions
- Court cases

Model:

- OpenAI gpt-3.5

Document Store:

- Postgres + pgvector



Talk to Your Data: Embeddings

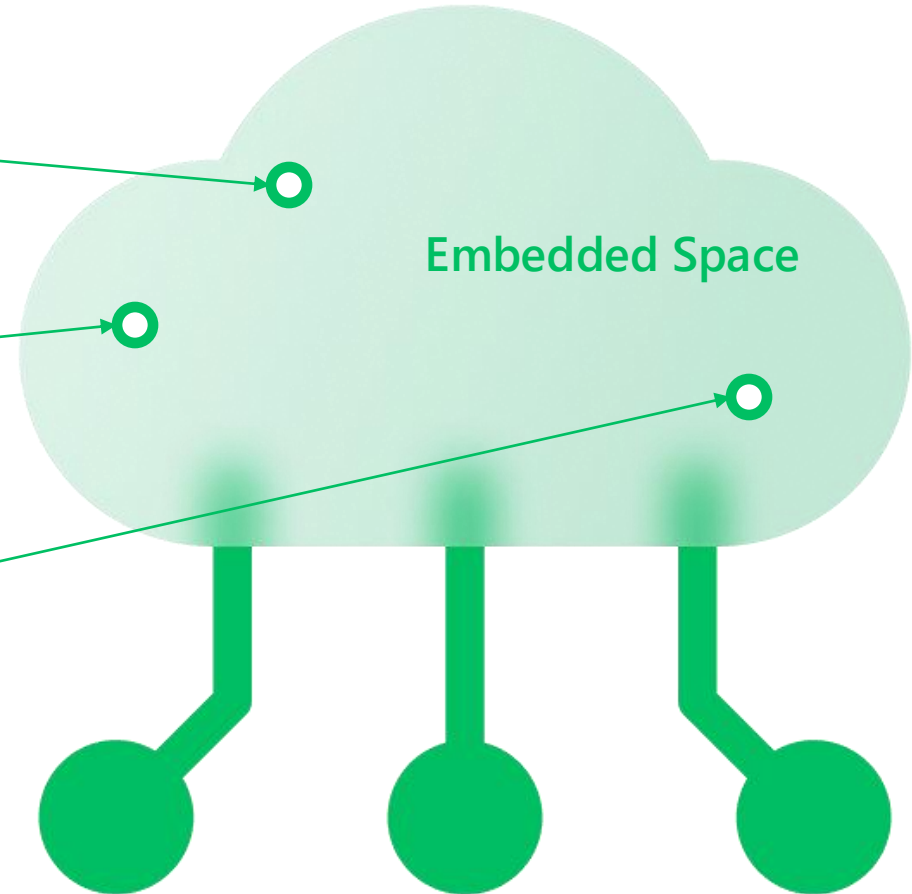
Annual Financial Report



Quarterly Earnings Call Transcript



Product Marketing Brochure



Talk to Your Data: Embeddings

Annual Financial Report



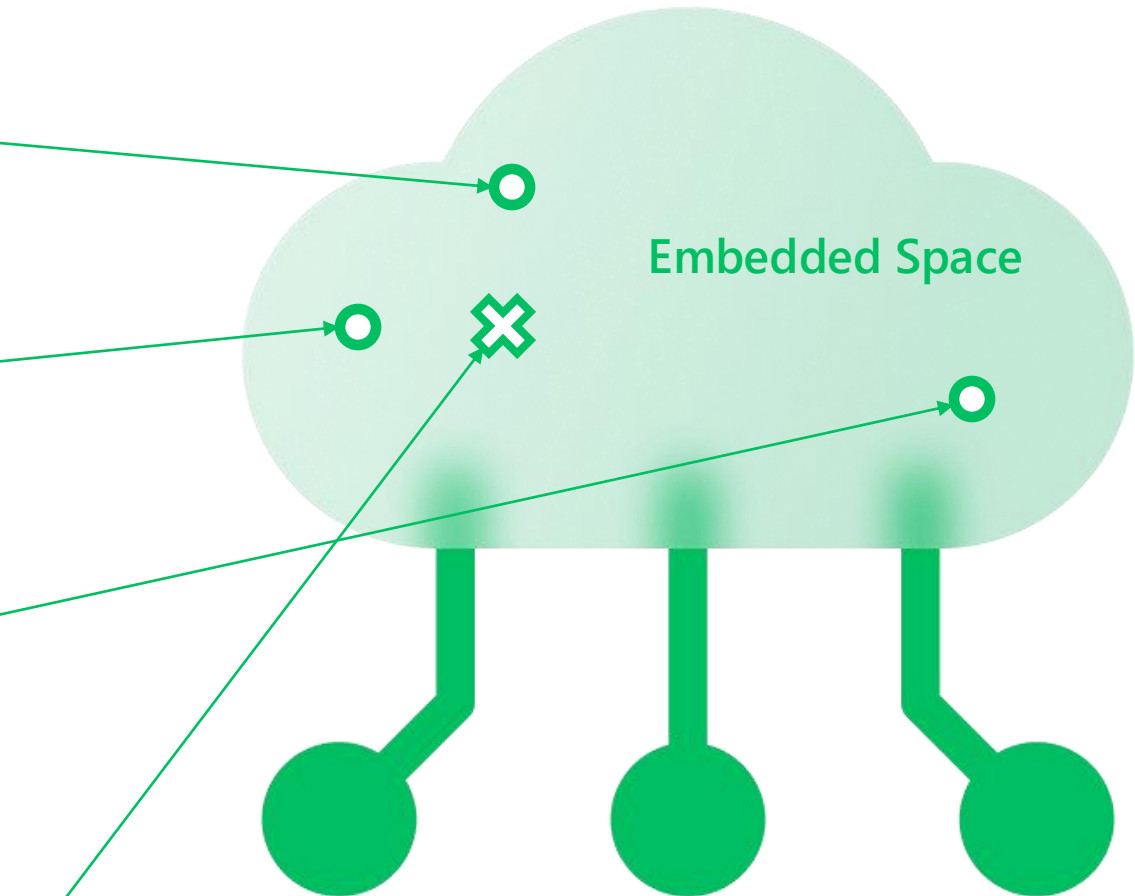
Quarterly Earnings Call Transcript



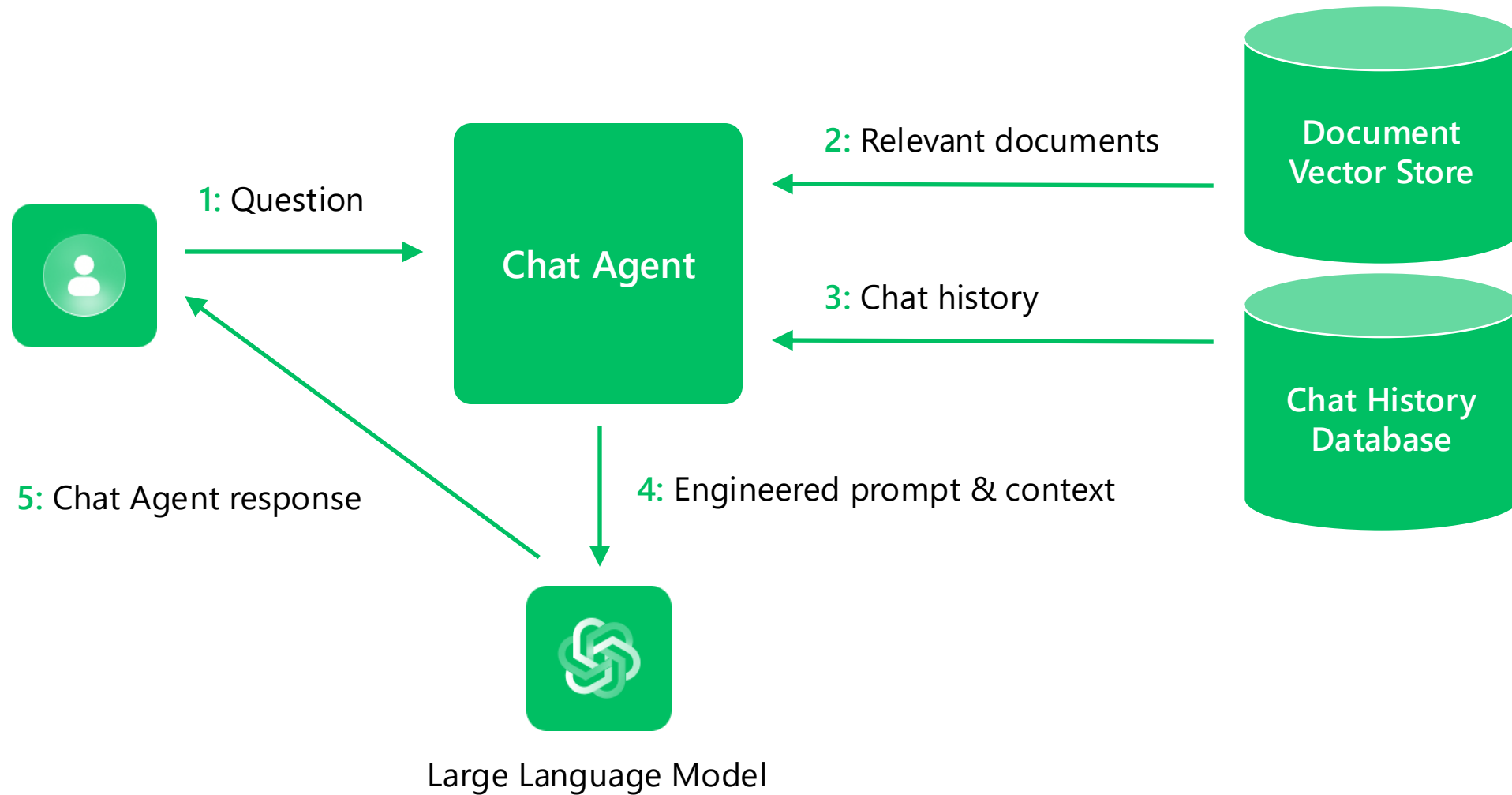
Product Marketing Brochure



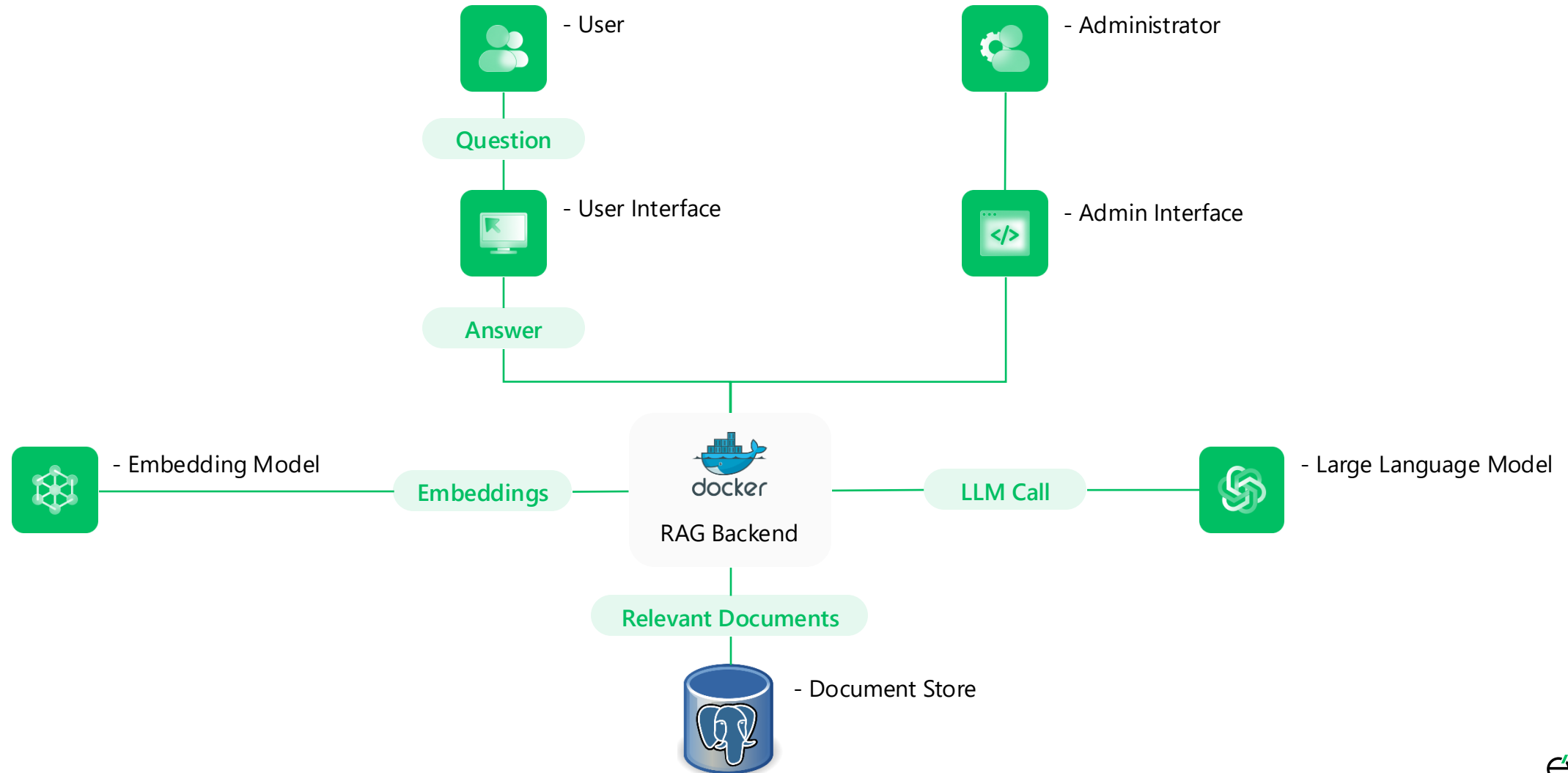
"What is the current debt-to-equity ratio for the organization?"



Talk to Your Data: RAG



Talk to Your Data: RAG



edvantis

Information Extraction

Application: Resume Analysis

Input:

- Detailed consultant's resume (10-30 pages)

Output:

- Database-importable records

Trained model:

- Llama 3.1



Application: Purchase Analysis

Input:

- Emails with attachments

Output:

- Purchase orders for ERP import

Trained model:

- Llama 3.1



Application: Media Monitoring

Input:

- Social media posts

Output:

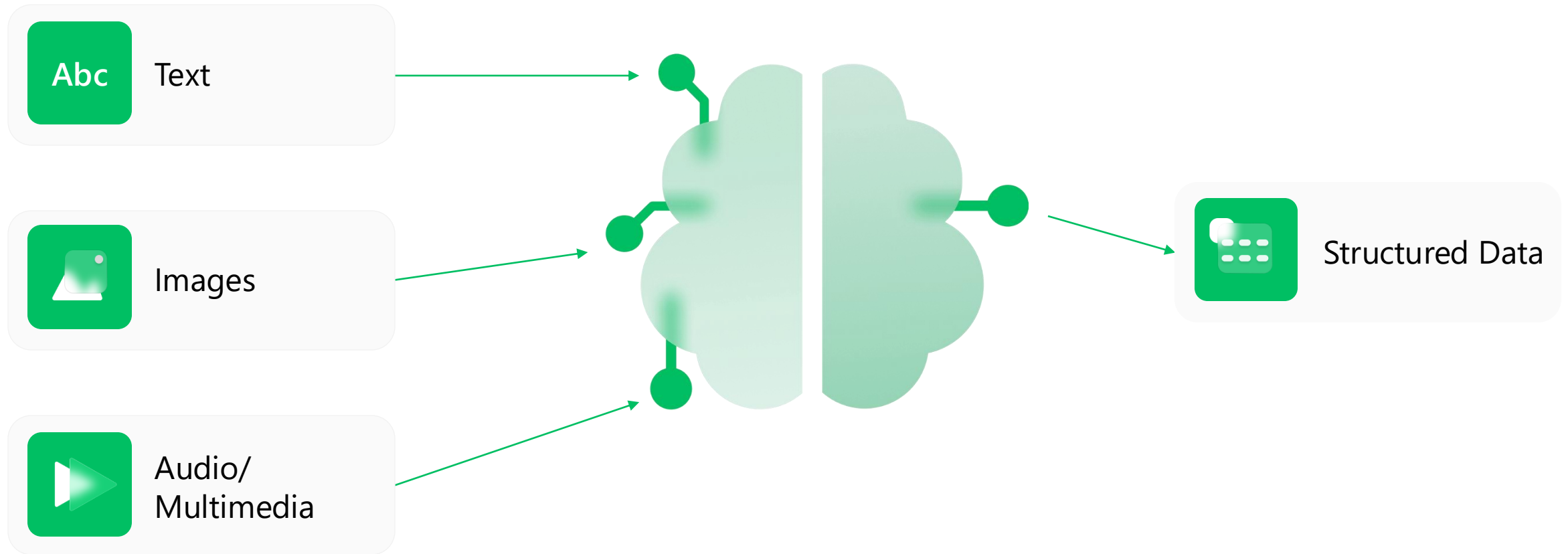
- Brand
- Product
- Sentiment

Trained model:

- Llama 3.2



Information Extraction



edvantis

Document Generation

Application: Sales Assistant

Input:

- Social media posts
- LinkedIn profile

Output:

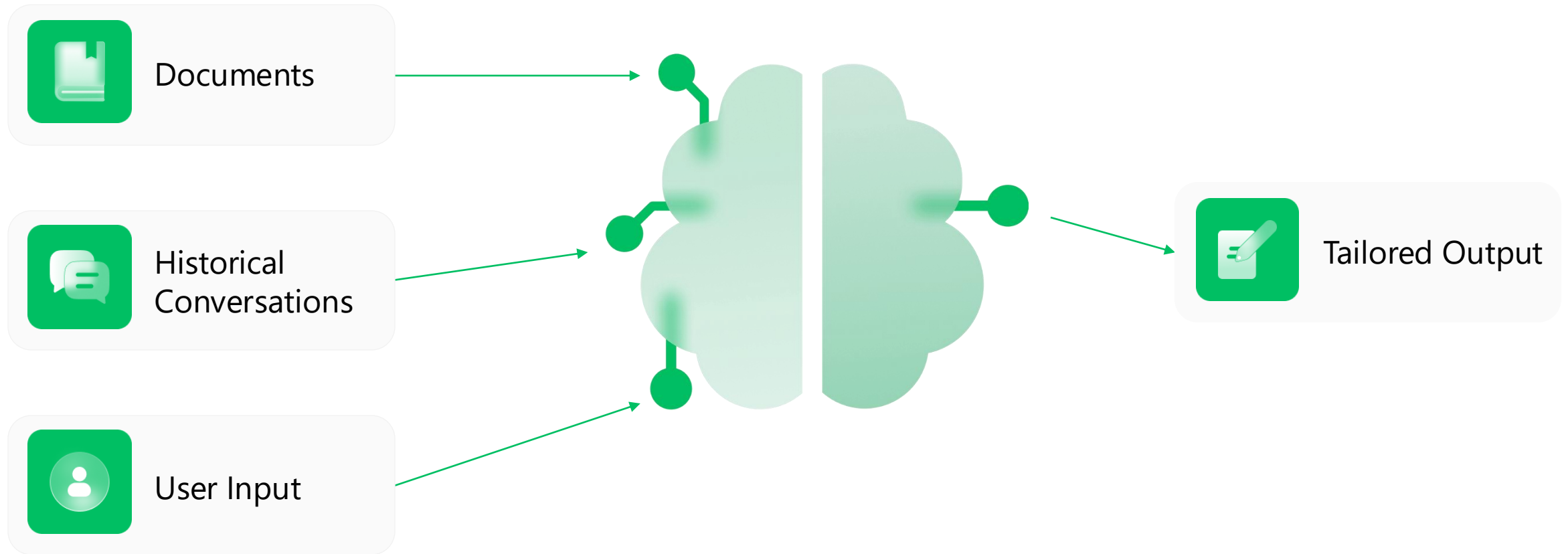
- Potential interests
- Product-customer match prediction
- Conversation handling

Trained model:

- Llama 2



Document **Generation**



Question to the Audience

What's your next move with AI?

(After today's session, how likely are you to take action?)

1 – Not likely

5 – Very likely



How We Can Help You with AI



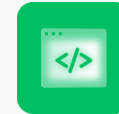
AI Readiness & Strategy

- Evaluate your goals, tech, and data
- Identify practical AI use cases for your business
- Build your AI roadmap



Data Preparation

- Clean, structure, and connect your data
- Set up pipelines and integrations
- Make your systems ready for AI



ML & Model Development

- Build models for prediction, classification, and clustering
- Use real data to train and fine-tune
- Apply supervised or unsupervised learning



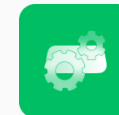
Gen AI & LLM Integration

- Set up LLMs that “talk to your data”
- Build chatbots and AI assistants
- Use tools like OpenAI, LLaMA, and LangChain



Process Automation

- Automate tasks like document handling
- Use AI to summarize and classify
- Boost speed and accuracy in operations



System Integration

- Connect AI to your apps and tools
- Sync with CRMs and workflows
- Make everything work smoothly at scale



Let's Talk About Your Needs

Book an AI consulting session with our Team

We'll help you find practical ways to apply AI in your business.

Email us at: engagement@edvantis.com

Or talk to your Edvantis Account Manager.

What You'll Get:

- ✓ **AI Fit Check** – where AI makes sense in your business
- ✓ **Automation Ideas** – low-hanging use cases worth exploring
- ✓ **Next-Step Guidance** – what to test, build, or consider first

