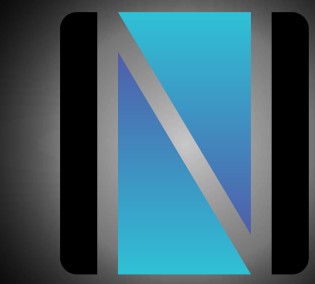




Clarix Explorer Lab

Generative AI Reports in FileMaker



About Matt



- **Passionate FileMaker trainer**
- **Expert FileMaker developer**
- **Certified in FM versions 7 to present**
- **Founded 3 companies**
- **FBA Awards, conference sessions, Meetups**
- **ClarisTalk AI podcast with Cris Ippolite**



Navarre Training

- www.navarre.training
- matt@navarre.training
- Schedule a free zoom with me



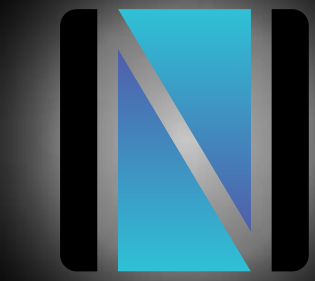
FileMaker Champion Series

- Live, interactive, skills-based, current best practices
- AI Integration Class starts **October 20**
 - Learn best practices
 - New features including **AI integration**
 - 10 hours of class time + 1:1 instruction with each student



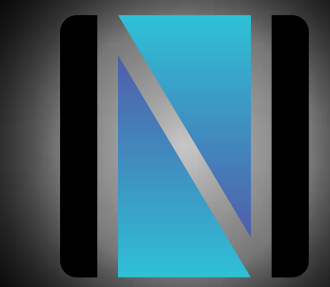
Agenda

- A few slides
- Interactive training ~ 35 minutes
- Q&A



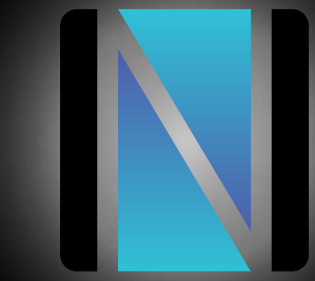
Goals

- Definitions
- Embedding vs. Generative AI
- Discuss Examples
- Interactive Exercises



Definitions

- **LLM** (Large Language Model) – e.g. GPT-4, GPT-5; the AI engines behind generative text
- **API Key** – Authenticate and call AI services
- **Token** – a chunk of text “Cost per million tokens”
- **Context Window** – how many tokens the model can handle at once.



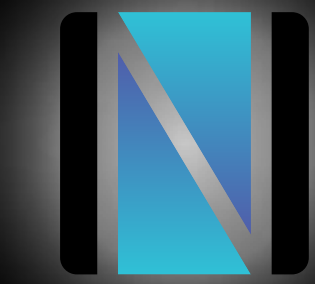
Definitions

- **Prompts** – instructions you give to the model
 - System prompts – role/behavior
 - User prompts – tasks/questions
- **Embeddings & Vectors**
 - Numeric representations of text meaning
 - Used for semantic search and similarity



What is Generative AI?

- Creates content based on:
 - Pre-trained data – vast, but can hallucinate
 - Your data + pre-trained data
 - Low hallucination rate
 - High quality / meaningful result
 - **FileMaker Pro for the win**



Generative AI vs. Embedding

- Embedding (separate free class)
 - Condense bits of meaning from text or image
 - Store embedded data in FileMaker
 - Semantic Search on embedded data
 - Runs locally - no API call
 - Same results every time



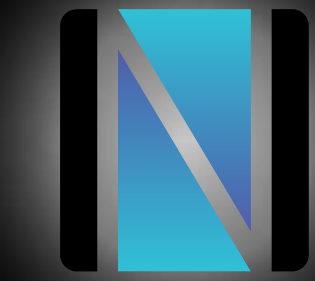
Generative AI vs. Embedding

- Generative AI
 - Calls a model (ie gpt-5-nano) for each use
 - Creates text, image, code, html, etc.
 - Analyze, summarize, expand, translate, etc.
 - Different results every time



Think of it like...

- 1,000 interns...
 - With doctoral degrees
 - In every subject
 - In every language
 - ...but they are interns
 - And require careful guidance



Examples

- Summarize long text
- Translate to any language
- Write a product description (given specs)
- Draft personalized emails
- Explain technical info in plain language
- Create a bar chart or report



Let's Explore

- Start from provided sample data file
- Configure AI Account
- System Prompt
- User Prompt
- Generate Response from Model
- Perform Find by Natural Language



Exercises

- Hello World
- Translate Text
- Find by Natural Language
- Create a chart
- Create an HTML report

To the interactive class...