

# Schrödinger's ClarifaiLlama

Built at the Clarifai+Llama2 hackathon by lablab.ai, our app leverages the industry-leading computer vision of Clarifai and Llama2's advanced language model to generate custom content from multimedia data, powered by vector search.

# Celebrating Innovation at the Intersection of AI Titans

## The Hackathon

Our team took part in the Clarifai+Llama2 hackathon to explore the possibilities of combining computer vision with natural language generation.

## The Vision

We aimed to create a tool that would enable efficient ingestion of multimedia data and generate custom content tailored to user needs in real-time.

## The Results

We created Schrödinger's ClarifaiLlama, a powerful app that harnesses the strengths of Clarifai and Llama2's AI technologies to streamline the creation of multimedia content.

# Discovering Schrödinger's ClarifaiLlama

## The Name

Schrödinger's ClarifaiLlama was named after the famous thought experiment by physicist Erwin Schrödinger. Like the experiment, our app combines two seemingly disparate elements to create something truly innovative.

## The Concept

We wanted to create a tool that would enable users to easily extract knowledge from vast data repositories and generate custom content on any topic in real-time. Schrödinger's ClarifaiLlama made it possible.

## The Features

Leveraging the strengths of Clarifai's computer vision and Llama2's advanced language model, our app can ingest multimedia data, index it using vector search, and generate custom content from user queries.

# Harnessing AI Superpowers



## Llama2's Advanced Language Model

Llama2's powerful language model allows us to generate natural language text that is accurate, engaging, and tailored to the user's needs.



## Marrying Computer Vision and Language

The combination of these cutting-edge technologies allows for efficient and effective multimedia search with next-gen natural language generation.



# Efficient Ingestion of Multimedia Data

## 1 Raw Data to Dynamic Retrieval

Our app uses Faiss to index multimedia data, enabling efficient and dynamic retrieval based on user queries.

## 2 Streamlined Content Creation

The vector search powers our app's content creation functionality, making it easy for users to generate custom content in real-time.

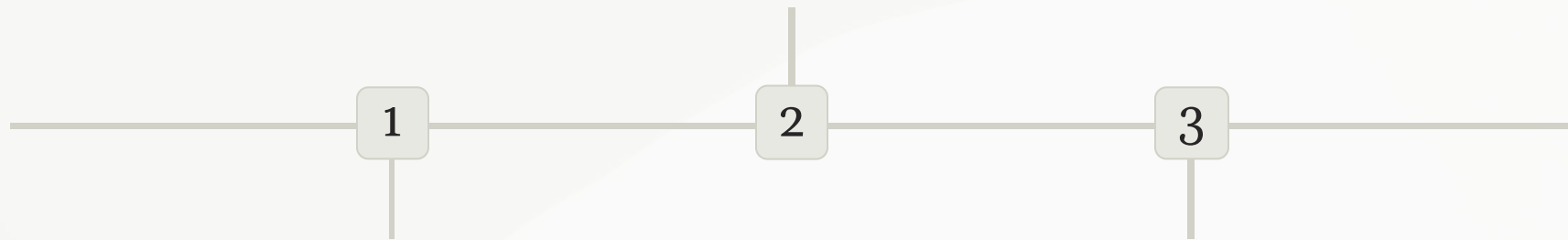
## 3 Optimized for Efficiency

Our app is designed to work efficiently with large quantities of multimedia data and generate content at scale.

# Real-time Custom Content Generation

## Indexing

Our app indexes the multimedia data using Faiss, enabling efficient search and retrieval.



## Ingestion

Users can easily upload and ingest multimedia data into our app.

## Generation

Using Clarifai's computer vision and Llama2's language model, our app generates custom content in real-time based on user queries.

# Multimedia Metamorphosis

## Transcription

Our app seamlessly transcribes YouTube videos and PDFs into curated ebooks and compelling blog posts.

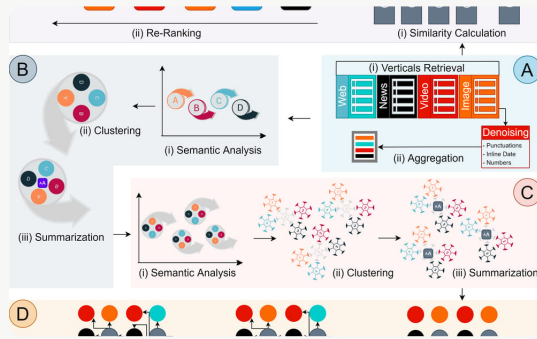
## Transformation

Users can transform any multimedia content into expertly crafted ebooks and blog posts with the click of a button.

## Curation

Schrödinger's ClarifaiLlama empowers users to curate knowledge from vast multimedia repositories, putting the power of AI at their fingertips.

# The Powerhouse Combo



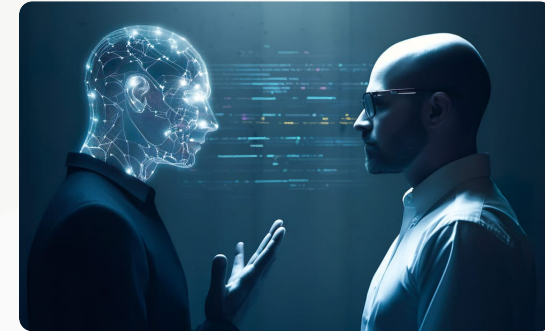
## Multimedia Search

Our app can efficiently ingest and index multimedia data, enabling dynamic retrieval of relevant information.



## Natural Language Generation

Llama2's language model allows for the seamless and natural generation of content on any topic, empowering users to extract knowledge efficiently.



## AI Empowered Content Creation

The combination of these features allows for unparalleled content creation based on multimedia data.

# Schrödinger's ClarifaiLlama TEAM



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