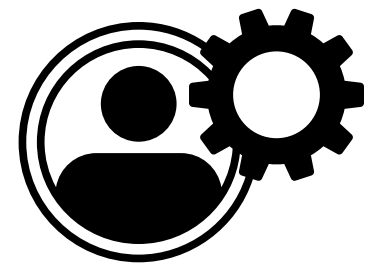**Webinar**

Generative AI Use Cases

Date: 06-Mar-2024
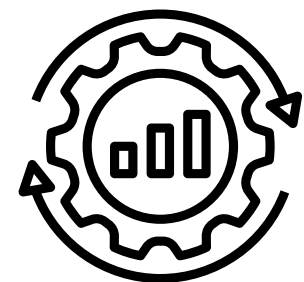Presenter: Siva Surendira, Founder & CEO
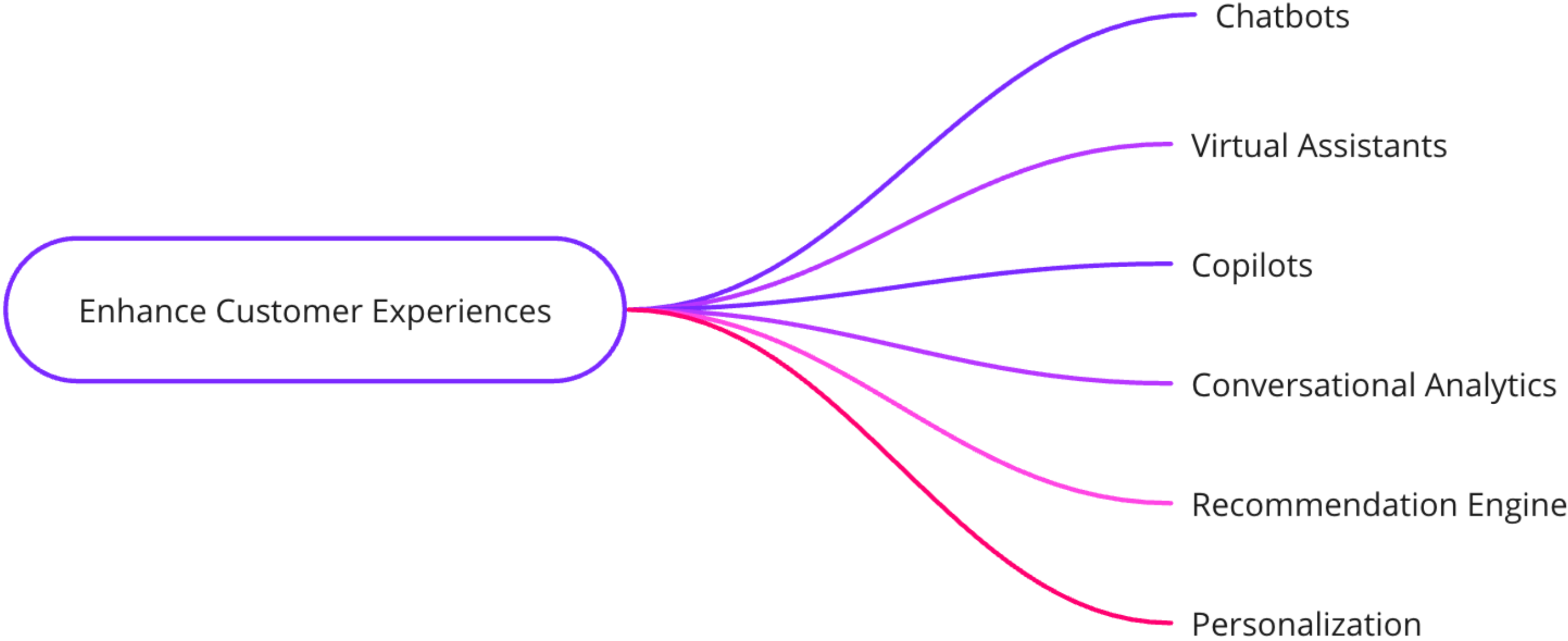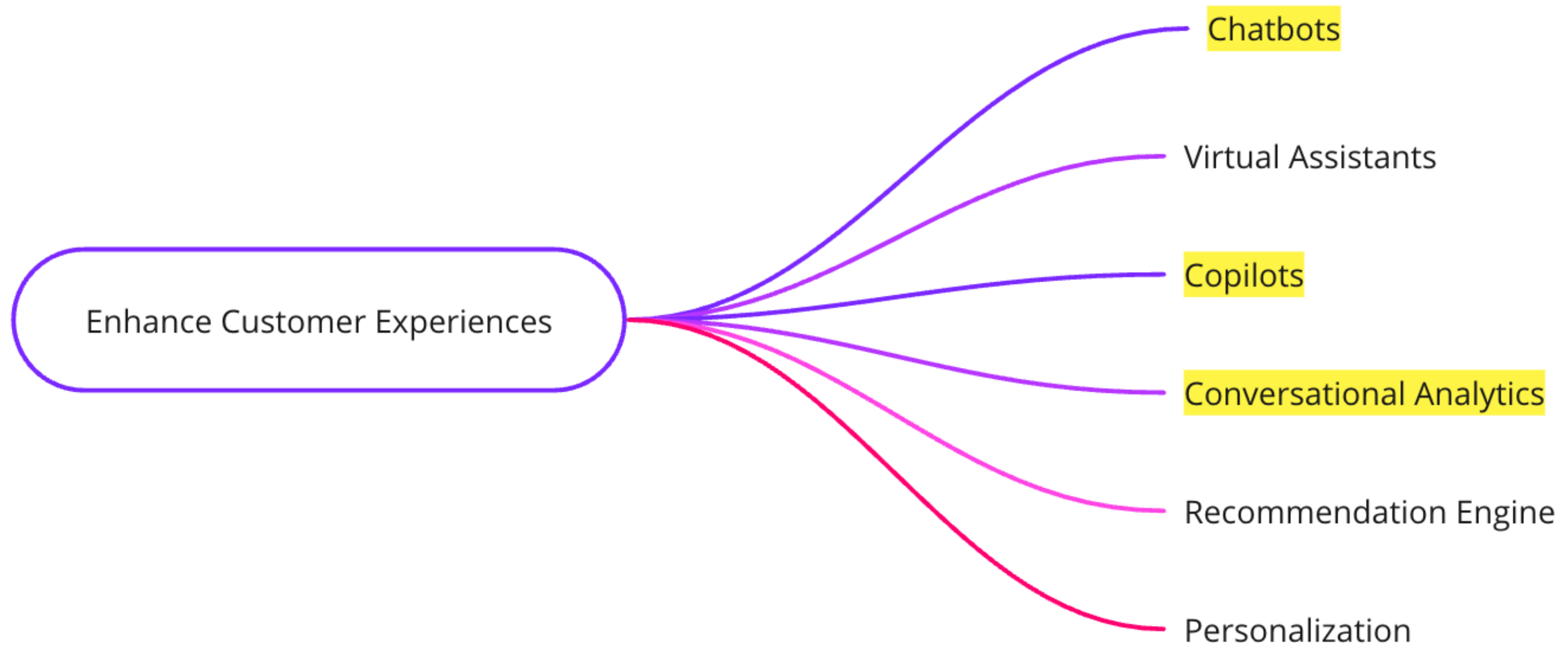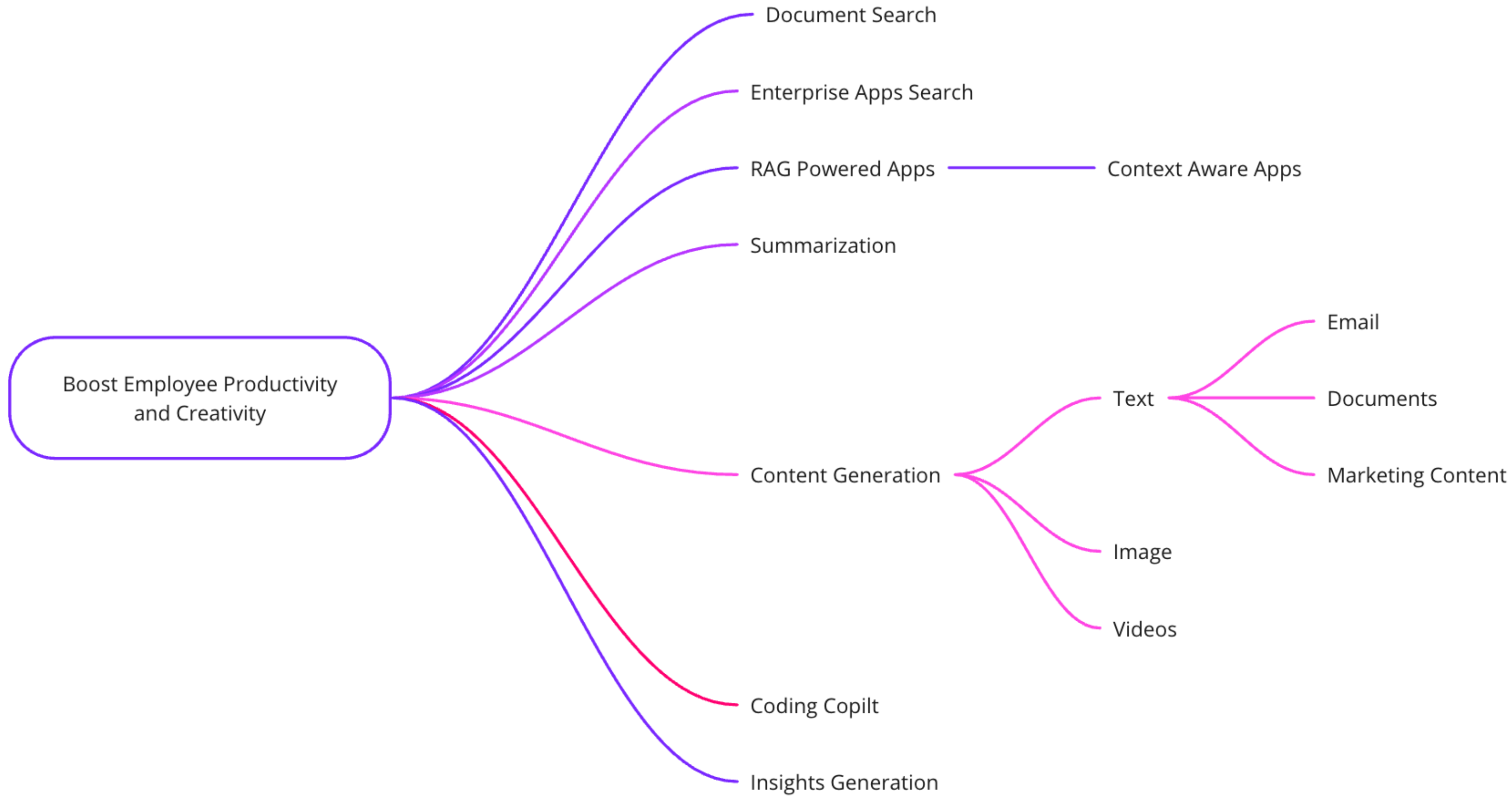
Enhance Customer Experiences

Boost Employee Productivity & Creativity

Optimize Business Processes

Enhance Customer Experiences

- Chatbots
- Virtual Assistants
- Copilots
- Conversational Analytics
- Recommendation Engine
- Personalization

Enhance Customer Experiences

Chatbots

Virtual Assistants

Copilots

Conversational Analytics

Recommendation Engine

Personalization

Boost Employee Productivity and Creativity

- Document Search
- Enterprise Apps Search
- RAG Powered Apps — Context Aware Apps
- Summarization
- Content Generation
  - Text
    - Email
    - Documents
    - Marketing Content
  - Image
  - Videos
- Coding Copilt
- Insights Generation

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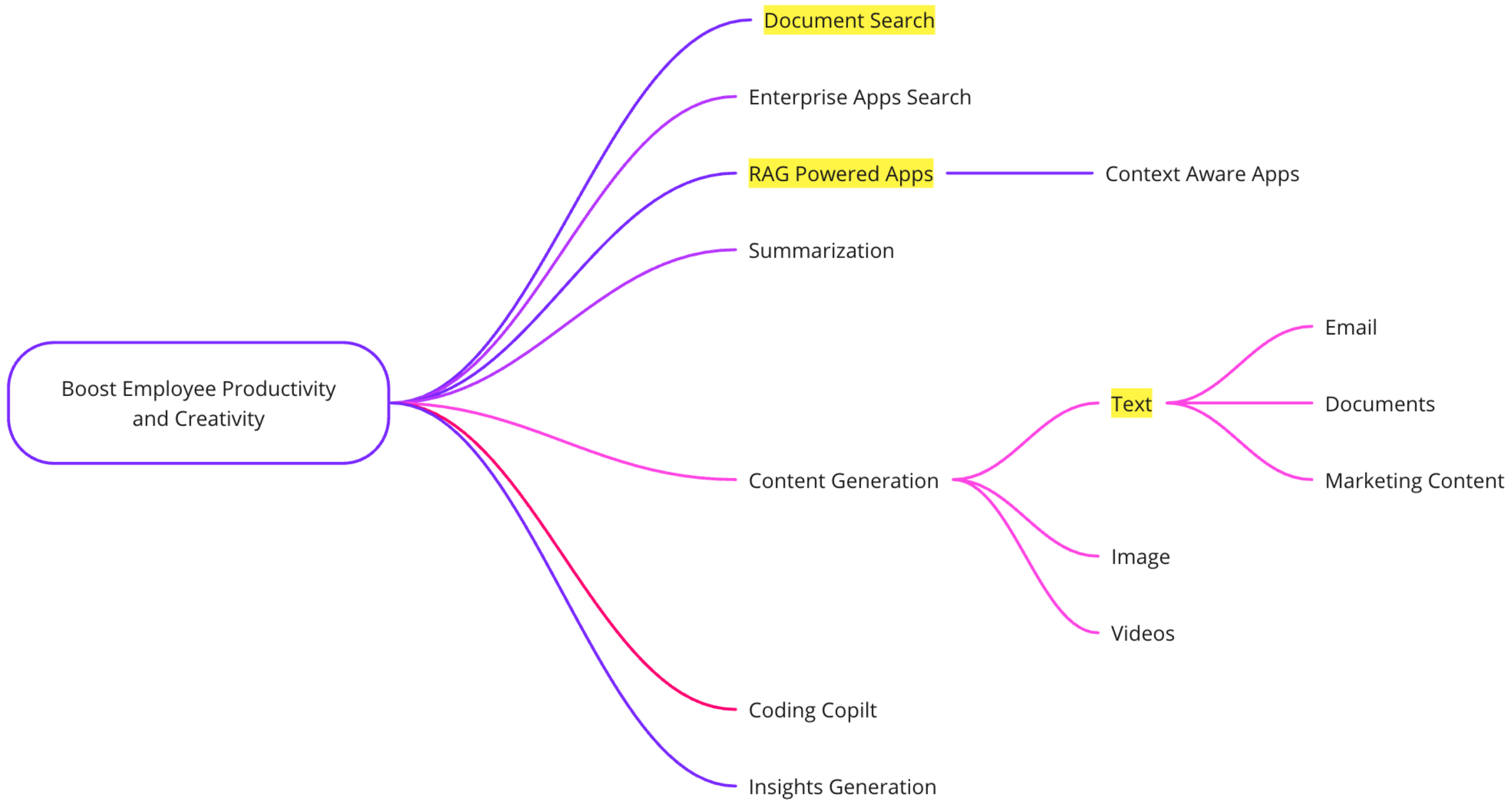   - Marketing Content
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Optimize Business Processes

- Document Processing
- Data Augmentation
- Cybersecurity
- Workflow Automation
  - Customer Service
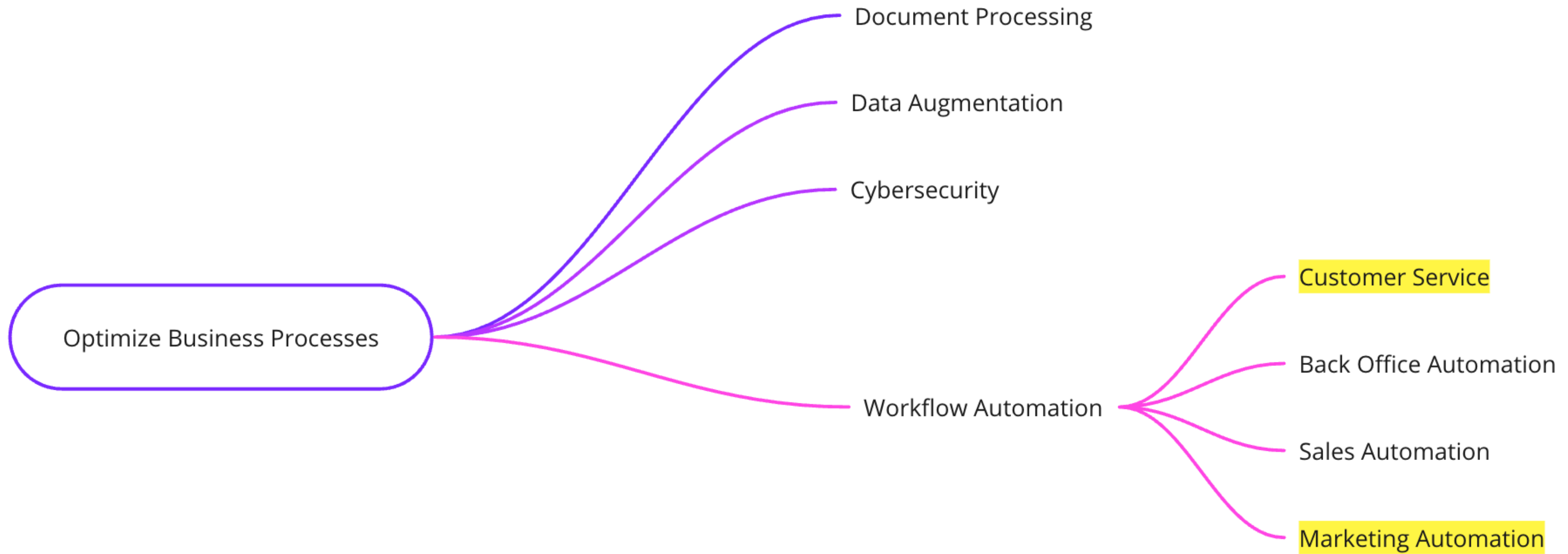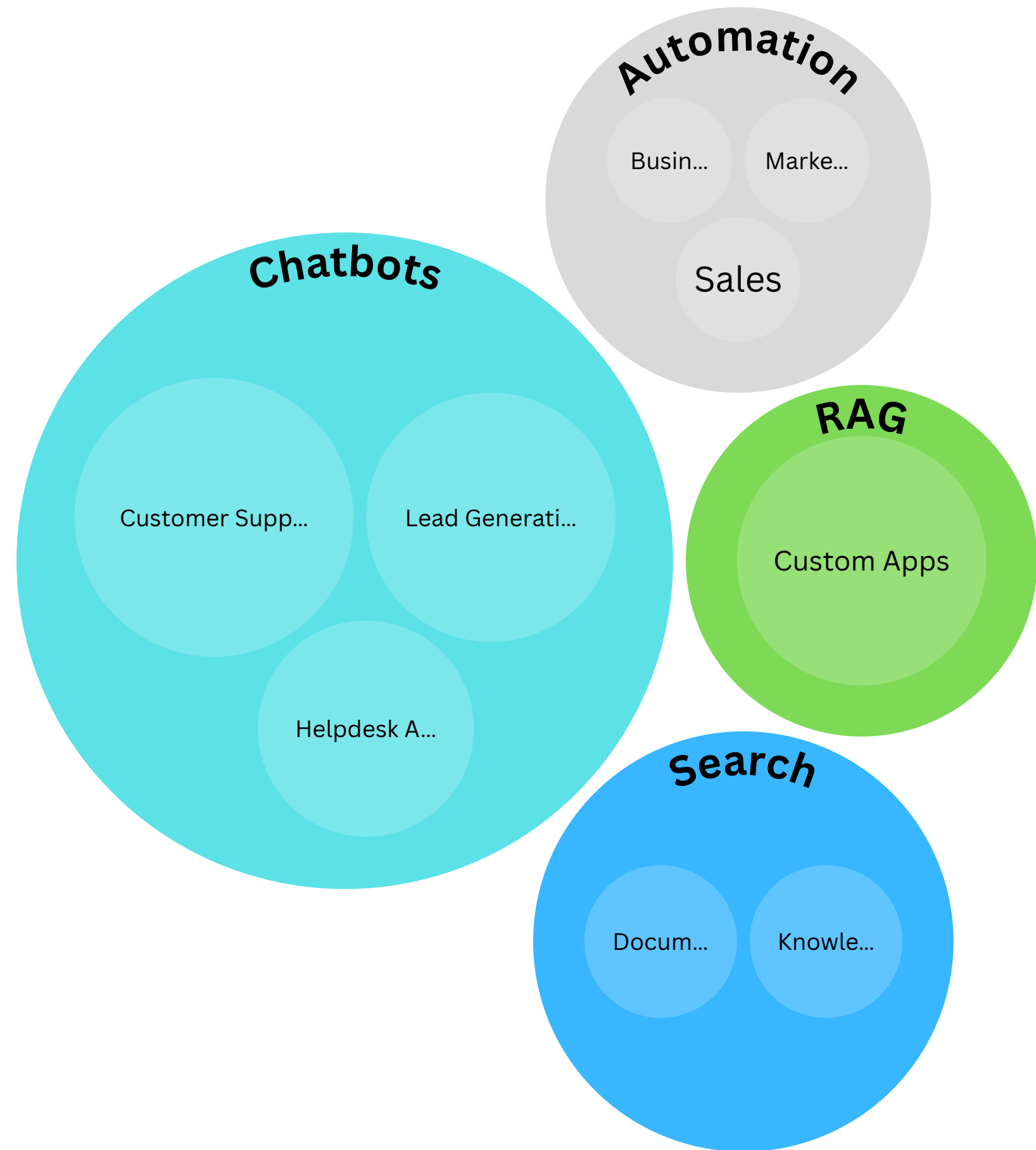 - Back Office Automation
  - Sales Automation
  - Marketing Automation

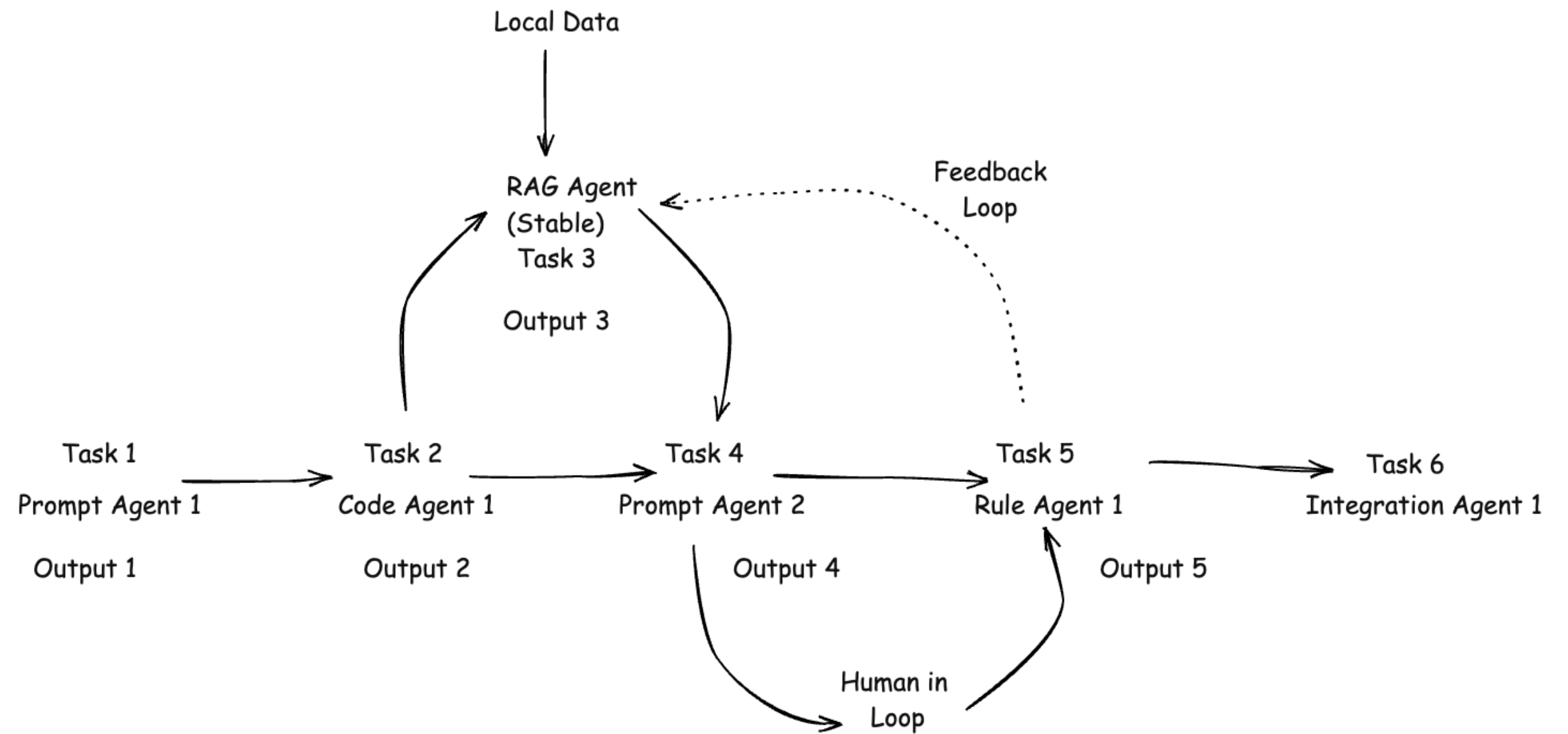| Healthcare & Life Science	Industrial & Manufacturing	Financial Services	Retail	Media & Entertainment
Ambient Digital Scribe	Product Design	Portfolio Management	Pricing Optimization	Content Generation
Medical Imaging	Operational Efficiency	Financial Documentation	Virtual Try-ons	Enrich Broadcast Content
Drug Discovery	Maintenance Assistants	Intelligent Discovery	Marketing Optimization	Automated Content Tagging
Enhance Clinical Trials	Supply Chain Optimization	Fraud Detection	Product Descriptions	Enhance Customer Experience
Research Reporting	Equipment Diagnostics	Compliance Assistant	Personalized Recommendations	Automated Video Editing

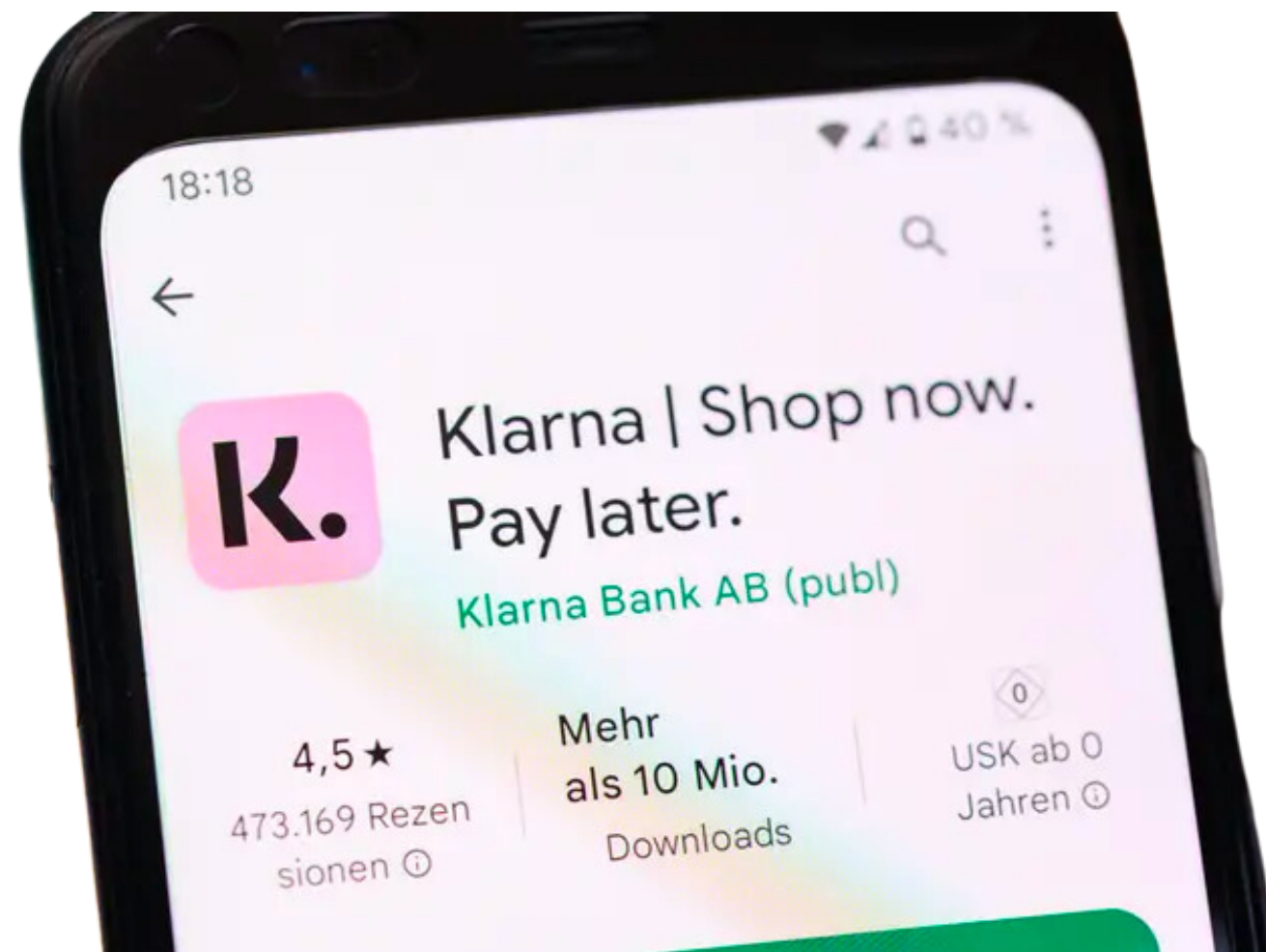| Healthcare & Life Science	Industrial & Manufacturing	Financial Services	Retail	Media & Entertainment
Ambient Digital Scribe	Product Design	Portfolio Management	Pricing Optimization	Content Generation
Medical Imaging	Operational Efficiency	Financial Documentation	Virtual Try-ons	Enrich Broadcast Content
Drug Discovery	Maintenance Assistants	Intelligent Discovery	Marketing Optimization	Automated Content Tagging
Enhance Clinical Trials	Supply Chain Optimization	Fraud Detection	Product Descriptions	Enhance Customer Experience
Research Reporting	Equipment Diagnostics	Compliance Assistant	Personalized Recommendations	Automated Video Editing

Chatbots are the most sought out use case

Automation

Busin...   Marke...

Sales

Chatbots

Customer Supp...   Lead Generati...

Helpdesk A...

RAG

Custom Apps

Search

Docum...   Knowle...

AI powered automation is on the rise

lyzr
Automata

Local Data

RAG Agent
(Stable)
Task 3

Output 3

Feedback
Loop

Task 1
Prompt Agent 1

Output 1

Task 2
Code Agent 1

Output 2

Task 4
Prompt Agent 2

Output 4

Task 5
Rule Agent 1

Output 5

Task 6
Integration Agent 1

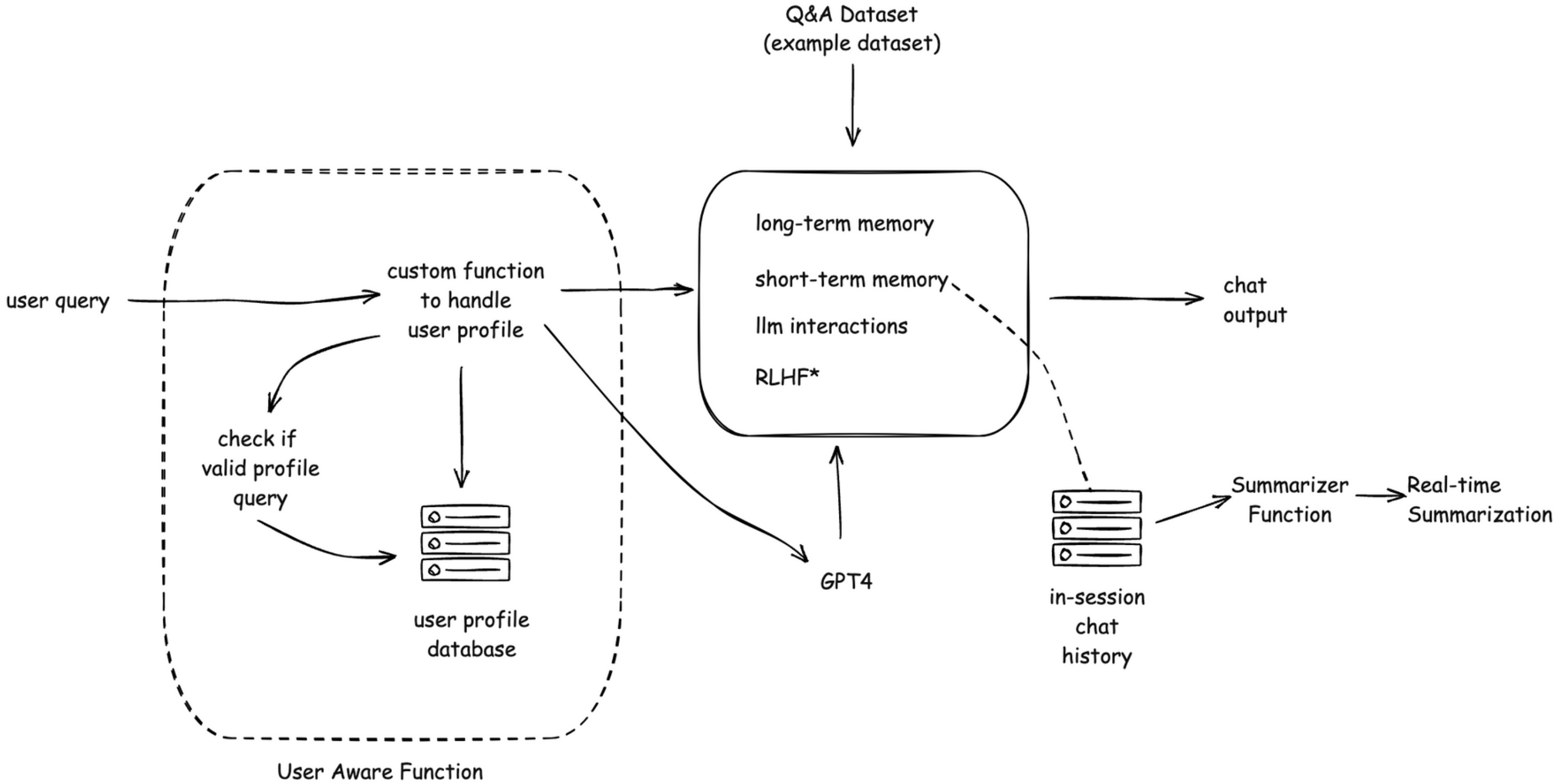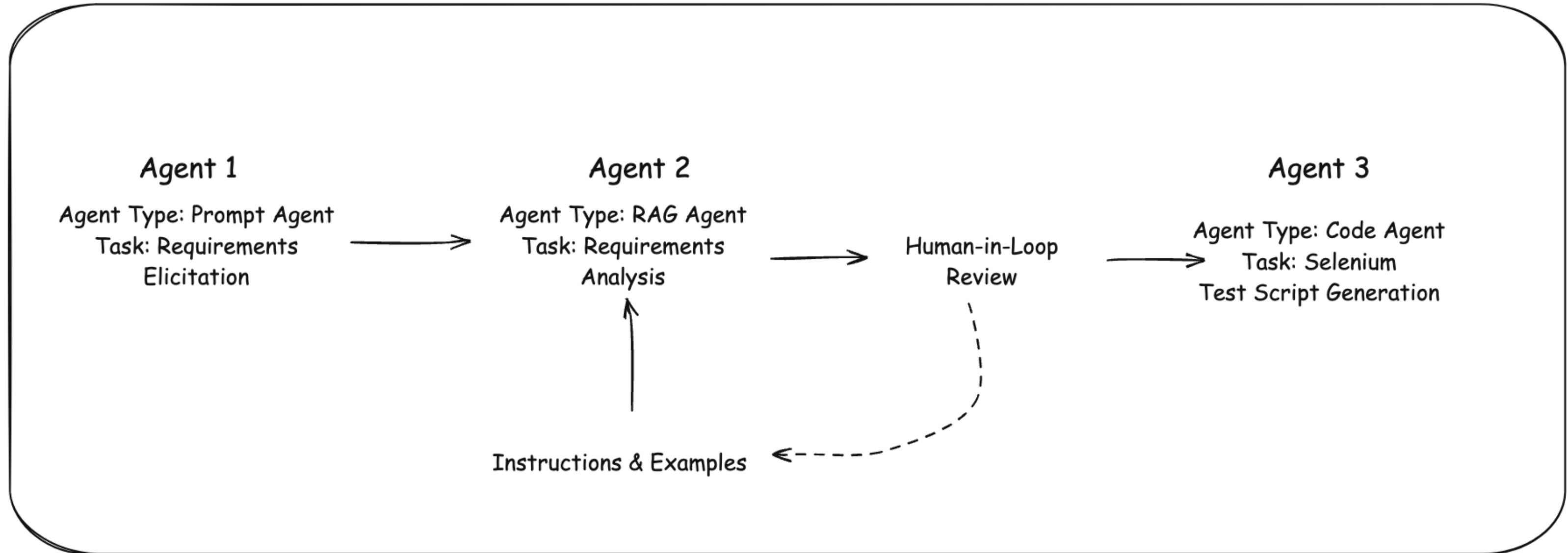Human in
Loop

- The AI assistant has had **2.3 million conversations, two-thirds of Klarna's customer service chats**

- It is doing the equivalent work of **700 full-time agents**

- It is on par with human agents in regard to customer satisfaction score

- It is more accurate in errand resolution, **leading to a 25% drop in repeat inquiries**

- Customers now **resolve their errands in less than 2 mins compared to 11 mins previously**

- It's available in **23 markets, 24/7** and communicates in more than **35 languages**

- It's estimated to drive a **$40 million USD in profit** improvement to Klarna in 2024

A co-founder chat agent that helps startup founders with their growth related queries.

Q&A Dataset
(example dataset)

long-term memory

short-term memory

llm interactions

RLHF*

user query

custom function
to handle
user profile

check if
valid profile
query

user profile
database

User Aware Function

GPT4

chat
output

in-session
chat
history

Summarizer
Function

Real-time
Summarization

A workflow automation that automates requirements analysis & test case generation

Lyzr Automata Framework

Agent 1

Agent Type: Prompt Agent
Task: Requirements
Elicitation

Agent 2

Agent Type: RAG Agent
Task: Requirements
Analysis

Human-in-Loop
Review

Agent 3

Agent Type: Code Agent
Task: Selenium
Test Script Generation

Instructions & Examples

Automation of bank loan pitch deck creation for real estate companies

Lyzr Automata Framework

CoStar

Axios

BusinessNow

Other Data
Sources

Data Aggregation
Agent

RedShift

Aggregated
Data

Amazon Bedrock

PitchDeck Data
Generator
Agent

PitchDeck Page 1

PitchDeck Page 2

PitchDeck Page n

Human
Review

Instruction
Set

Lyzr Data Analyzr
Agent
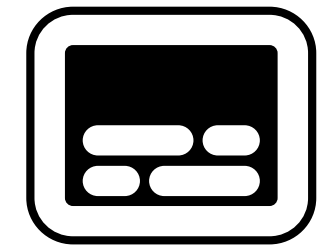
Conversational
Analytics
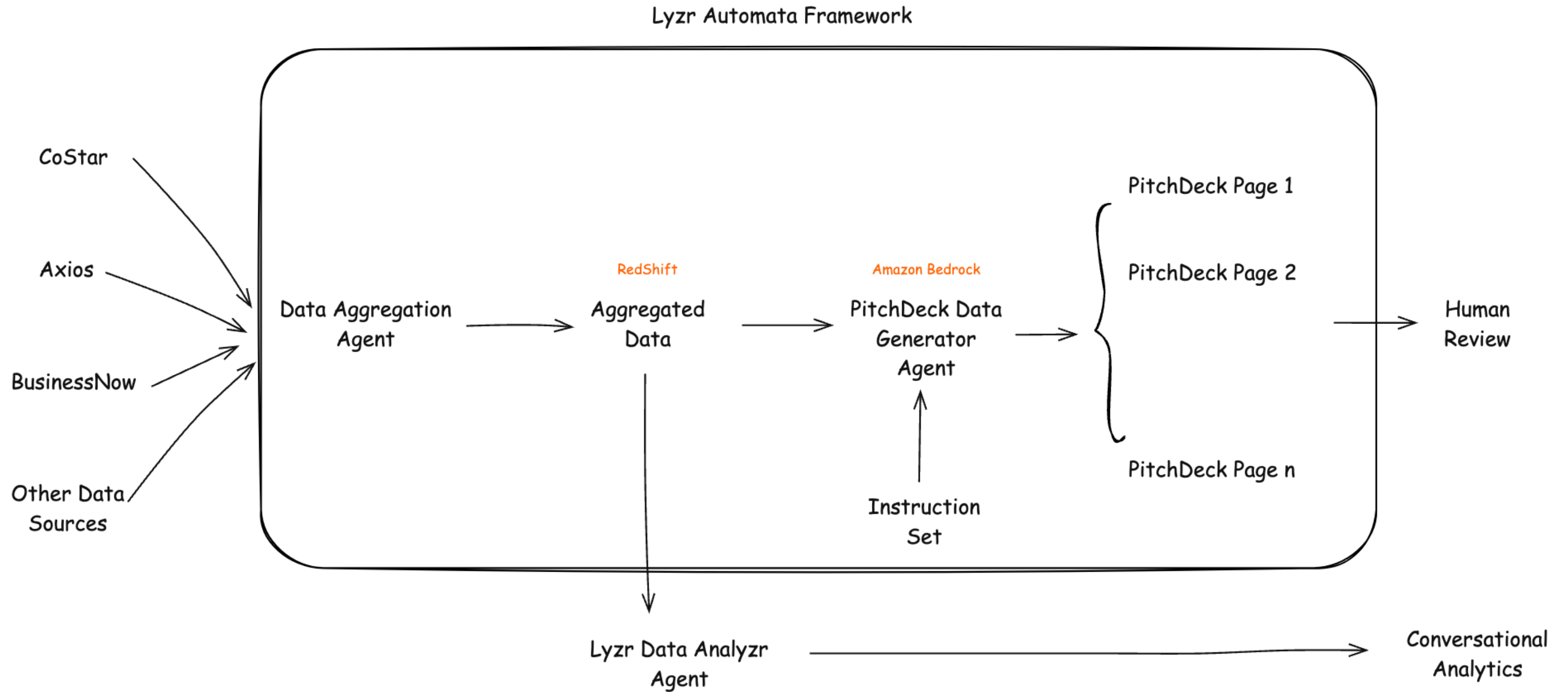
Product manual search engine for frontline technicians

Voice powered tutor for students

Automation of blog posts and newsletter creation

Automated video subtitles translation

Conversational product recommendation for ecommerce

Insights and recommendation generation for business teams

Business report generation powered by text-to-sql engines

Proof-of-Concept Offer

Get 1-year Lyzr license and basic customization for free*

write to: contact@lyzr.ai