



# Gen AI with Element

Surendra Panpaliya

# Generative AI

Gen-AI

# PREREQUISITES

Participants should have:

Basic knowledge of **Python programming**

Familiarity with **APIs, JSON, and HTTP requests**

General understanding of **Machine Learning and NLP concepts**

# PREREQUISITES

Awareness of **cloud platforms** (Azure or GCP preferred)

Prior exposure to **Jupyter Notebooks** or **VS Code**

Knowledge of **RESTful APIs**, **Docker**, and **Git**

Some experience with **LLMs** or **prompt engineering**

# LAB SETUP REQUIREMENTS

**Python 3.10+** installed (preferably in a virtual environment)

**JupyterLab** or **VS Code** with Python plugin

Access to:

**Azure OpenAI API key** (or)

**Google GenAI credentials** (Vertex AI Studio, PaLM/Gemini API)



## LEARNING OUTCOMES

Explain key concepts in

**Generative AI and**

**Transformer-based LLMs**

Build and interact with

**OpenAI/Gemini models using Python**



## **LEARNING OUTCOMES**

Design **RAG pipelines** integrated with

**LangChain + Milvus**

Apply structured prompt

engineering strategies in LLM apps



## **LEARNING OUTCOMES**

Utilize Walmart's internal

**LLM Gateway and evaluation  
platforms**

Create simple **Agentic**  
applications

with planning, execution, and tools



# LEARNING OUTCOMES



Troubleshoot common LLM issues



such as hallucination or bias



Build and present a functional



**Excel-based report builder GenAI app**

# Agenda

**DAY 1: GENAI FOUNDATION & ARCHITECTURE**

**DAY 2: WALMART GENAI ECOSYSTEM**

**DAY 3: APPLICATION DEVELOPMENT WITH GENAI**

**DAY 4: HACKATHON & DEPLOYMENT**

# DAY 2: WALMART GENAI ECOSYSTEM



## Objective:



Develop LLM-powered document generation and



retrieval applications using



Walmart's internal GenAI infrastructure.

# Prompt Engineering

## Prompting Strategies

## Agenda

## Structured Prompt Design

## RAG Architecture Overview

## LangChain Integration

# Agenda



Walmart LLM Gateway



Embedding & Vector Store



LLM Use Cases @ Walmart



Hands-On Session

# What is Prompt Engineering?



Art and science of crafting effective inputs  
(prompts)



that guide AI models



especially Large Language Models (LLMs)



to produce desired outputs.

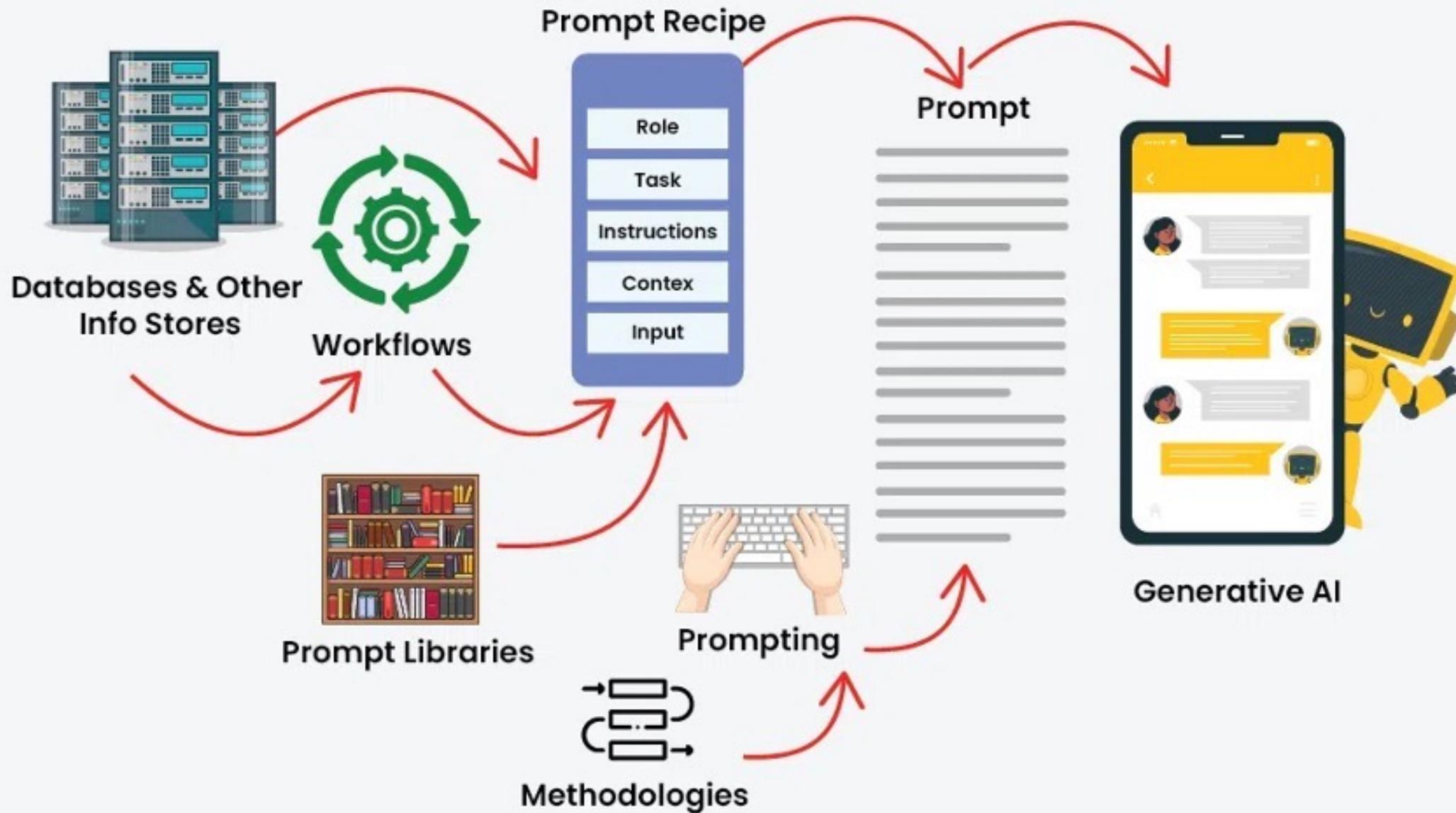
# What is Prompt Engineering?

Prompts act as a bridge between

Human instructions and machine outputs,

allowing models to deliver more accurate,

contextual, and human-like responses.



# Why AI Prompt Engineering Matters?



## Enhances Model Accuracy:



Well-crafted prompts improve AI output quality.



## Tailors Outputs:



Custom prompts align responses to user-specific needs.

# Why AI Prompt Engineering Matters?

**Reduces Bias:**

Ethical prompt design minimizes harmful or biased outputs.

**Improves UX:**

Better prompts = smoother and more relevant interactions.

# Techniques Used



## Contextual Prompts:



Add background for relevance.



## Specificity:



Reduce vagueness for precise output.

# Techniques Used



**Iterative Refinement:**



Test > Analyze > Modify > Repeat.

# Techniques Used



## Templates:



Reusable frameworks for consistency.



## Experimentation:



Explore open vs. closed-ended prompts.

# Prompt Engineering for GenAI



**Goal:** Understand Prompt Engineering



How Walmart developers can use it



To build high-impact, reliable, and



Enterprise-ready GenAI systems.

# What is Prompt Engineering?



The practice of designing clear, structured,



Purposeful instructions (prompts)



To guide Large Language Models (LLMs)



like GPT, Gemini, or Claude



To generate accurate, context-aware, and useful outputs.

# Why it matters for Walmart?



Automates customer support & content



Reduces hallucination in responses



Accelerates GenAI adoption in retail

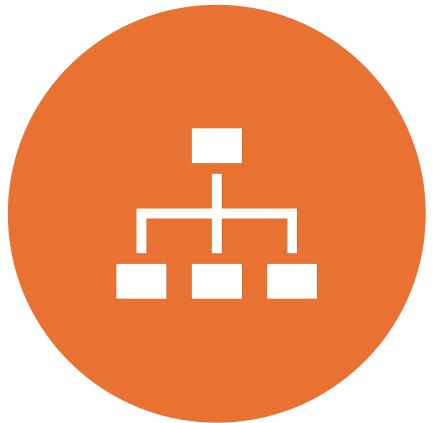
# How Prompt Engineering Helps Developers?

Precise control over LLM behavior

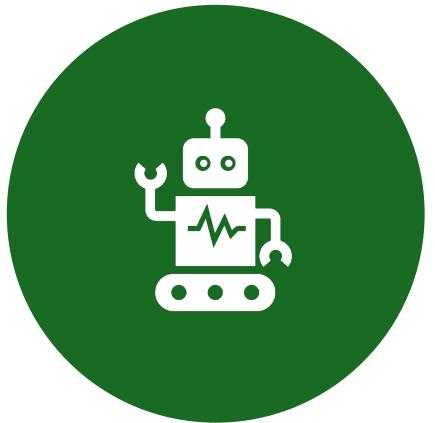
Faster prototyping of GenAI workflows

More aligned, relevant, and reliable responses

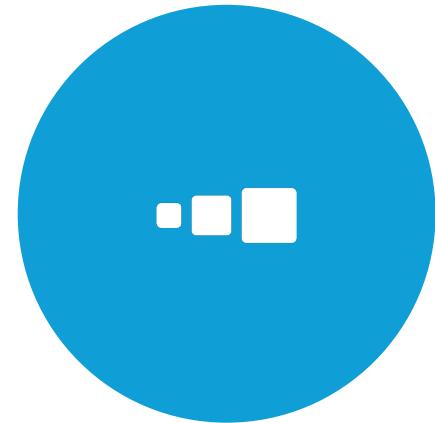
# Walmart Use Case



GENERATE STRUCTURED  
PRODUCT DESCRIPTIONS,



AUTOMATE RETURN  
POLICY ANSWERS, AND



REDUCE AGENT LOAD.

# Prompting Strategies

Zero-shot prompting

Few-shot prompting

Role-based prompting

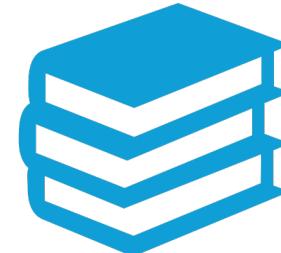
# Zero-Shot Prompting



Asking the model to  
perform a task

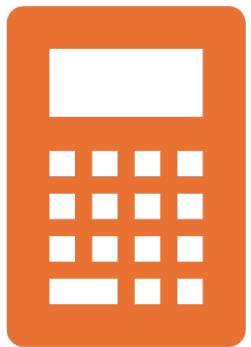


**without any examples**



leveraging its general  
knowledge base

# Example



Calculate the estimated  
delivery date



for an order placed today in  
Pune.

# Walmart Use Case



Customer chatbot offers  
real-time answers like:



Your order placed today  
in Pune



should arrive by  
Monday.

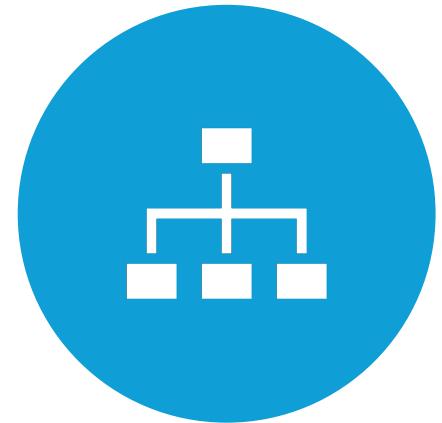
# Why It Works?



QUICK TO DEPLOY,



USES CLEAR  
INSTRUCTIONS,



IDEAL FOR  
STRAIGHTFORWARD TASKS.

# Few-Shot Prompting



Provide a few example



input-output pairs



to teach the pattern in context.

# Example 1



Q: Product: ₹1999 headphones,



Features: noise-cancelling



A: Clear audio, Blocks noise for focus

# Example 1



Now format for:



Q: Product: ₹999 kids backpack,



Features: cartoon print, adjustable straps



A:

# Walmart Use Case



Automatically generate consistent

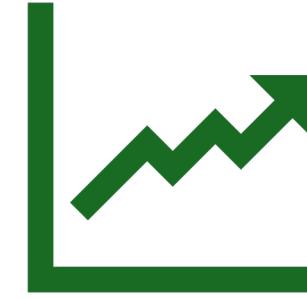


brand-aligned bullet points.

# Why It Works?



Reduces hallucinations and



improves output consistency.

# Role-Based Prompting

Assign	Assign a persona or role
Tone/style	to shape tone/style and
Ensure	ensure domain-specific alignment

# Example



You are a Walmart logistics strategist.



Identify three ways to reduce delivery delays



in Pune during monsoon season.

# Walmart Use Case



Produces professional,



strategy-focused insights



for internal teams.

# Why It Works



Controls tone,  
style, and



expertise level



critical for  
business and

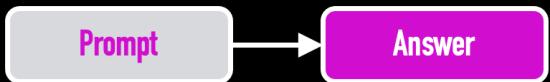


internal  
applications.

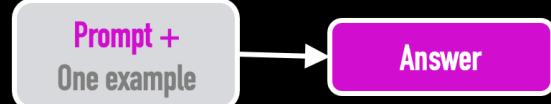
# Summary

Strategy	Key Trick	Developer Example	Walmart Use Case
Zero-Shot	Direct instruction	Check ₹999 kids backpack stock in Mumbai.	Quick stock check in chatbots
Few-Shot	Teach via examples	Provide product examples -> generate new bullets	Uniform product content generation
Role-Based	Define persona/tone	You are a product specialist. Explain return policy.	Polished responses in policy docs or training bots

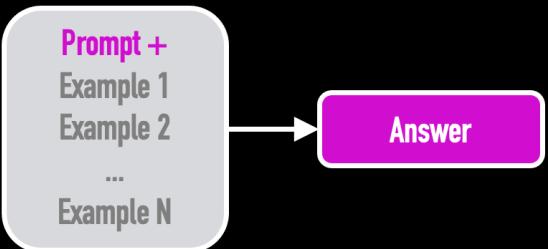
**Zero shot:**



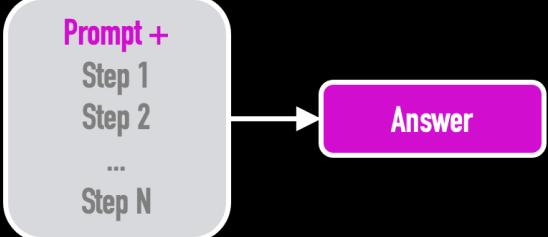
**One-shot:**



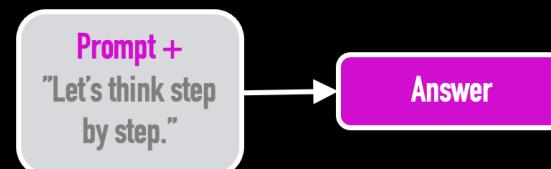
**Few-shot:**



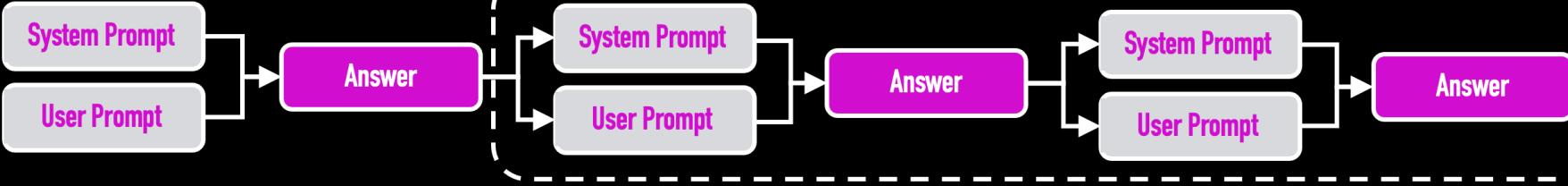
**Chain of Thought:**



**Zero shot CoT  
(Chain of Thought):**



**Chat Prompt  
Chaining:**



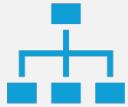
# Structured Prompt Design



Crafting prompts for document generation



Principles of clarity,



structure,



context preservation

# What is Structured Prompt Design?



Crafting prompts that are



**clear, contextual, and goal-oriented,**



helping LLMs like GPT or Gemini



generate precise, useful outputs.

# **Components of a Well- Structured Prompt**

**Role/Persona**

Define who the AI is:

*“You are a Walmart  
product specialist.”*

# **Components of a Well- Structured Prompt**

**Task**

Clearly state the job:

*“Generate a product summary.”*

# Components of a Well- Structured Prompt



## Context



Provide necessary info:



product specs,



SKU ( Stock Keeping Unit) details,



target audience.

# Components of a Well- Structured Prompt



**Instructions/Constraints**



Specify format,



tone, length, style, or



forbidden elements.

# Components of a Well- Structured Prompt



**Examples (Few-Shot)**



Show the model



what good output looks like.

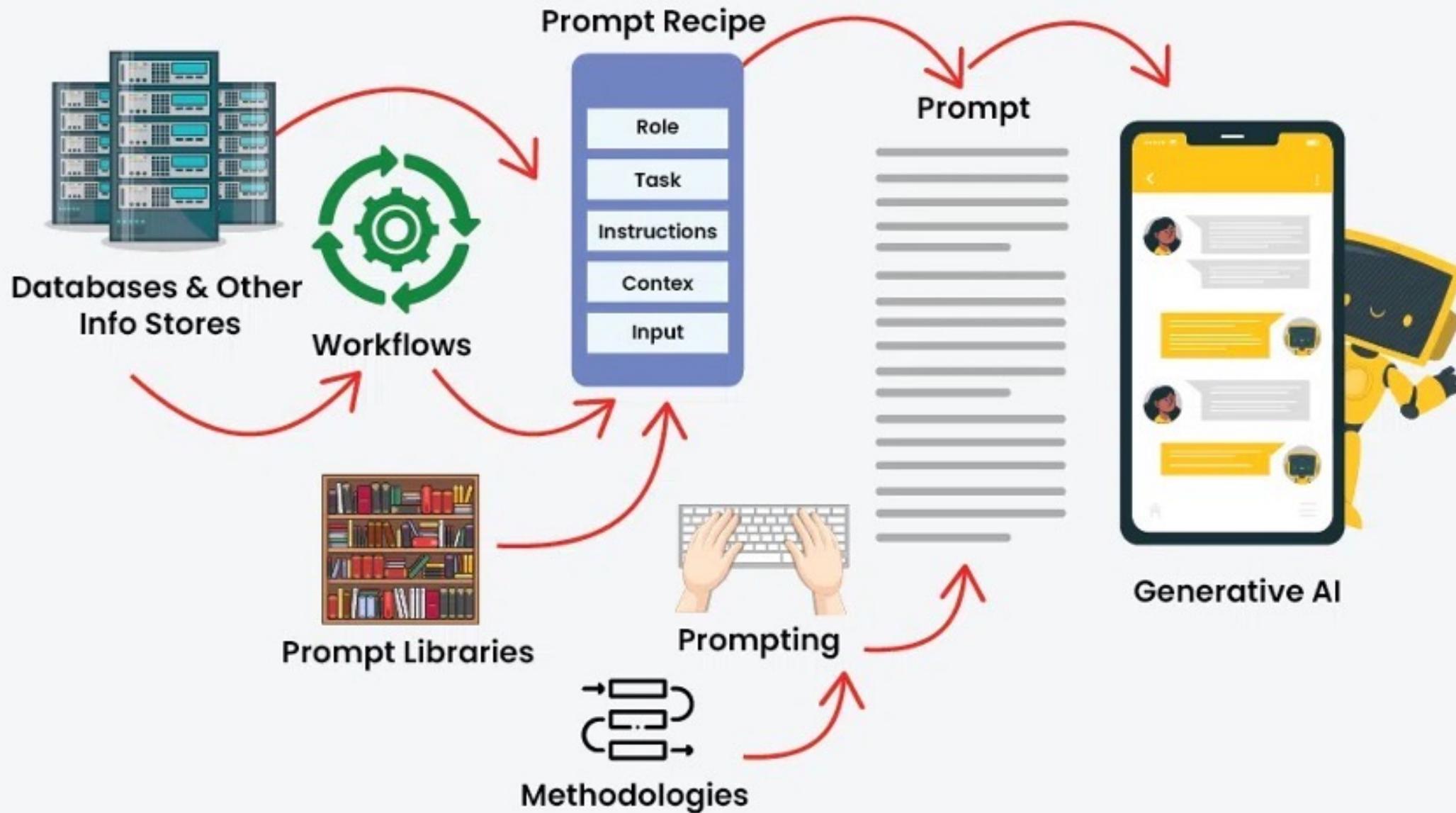
# Output Format

## Components of a Well- Structured Prompt

Define structure:

bullet points,

HTML snippet, table



# **Walmart Prompt**

## **Generating a Product Description**

# Generating a Product Description



You are a Walmart product specialist.



Task:



Create a short, persuasive product description.

# Context:

Product: Kids' backpack

Price: ₹999

Features: durable nylon,

two zip pockets,

adjustable straps, cartoon print

# Constraints:

Max 2 sentences

Tone: friendly, helpful to parents

# Please provide:



1 catchy headline



2 bullet points focused on quality and kid appeal

# Example:

Headline: Durable Backpack for School Adventures!

- Made with tough nylon...
- Comfortable straps...

Begin:

Headline:

- 
-

# Types of Prompts with Walmart- Specific Examples

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GKTCS Innovations



# 1. ✎ Instruction Prompt



Give the LLM a direct, clear instruction.



**Example Prompt:**



*“Summarize the return policy for electronic items in 2 bullet points.”*



**Walmart Use Case:**



Used in chatbots to explain policies clearly to customers.

## 2. 🎭 Persona Prompt

Assign a specific role or identity to the LLM for tone and context.

**Example Prompt:**

*“You are a Walmart customer service executive.*

*Write a friendly email to a customer whose refund*

*is delayed by 3 days.”*

## 2. Persona Prompt



**Walmart Use Case:**



Customer communication automation



that aligns with brand voice.

### 3. Few-Shot Prompt



Provide **examples** to teach



the model what kind of output you expect.

# Example Prompt

- Input: Product - Wireless Earbuds,
- Price - ₹1,499,
- Feature - Long battery life
- Output: Crystal Clear Audio for Every Beat!
- 20-hour battery life
- Sleek & snug fit

Input: Product - Kids' backpack, Price - ₹999, Feature - Cartoon print Output:

# Walmart Use Case



Auto-generate product descriptions or

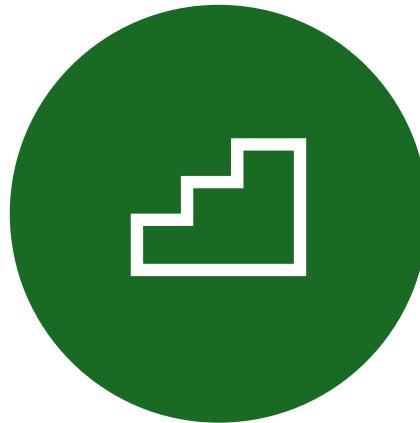


marketing copy with brand tone.

# 4. Chain-of-Thought Prompt



ENCOURAGE THE MODEL



TO SHOW ITS REASONING  
STEP-BY-STEP



BEFORE GIVING AN  
ANSWER.

# Example Prompt

*“A blender was purchased 40 days ago.*

*Walmart’s return policy allows 45-day returns.*

*Should the customer be allowed to return it?*

*Explain.”*

# Walmart Use Case



Used for building GenAI  
agents

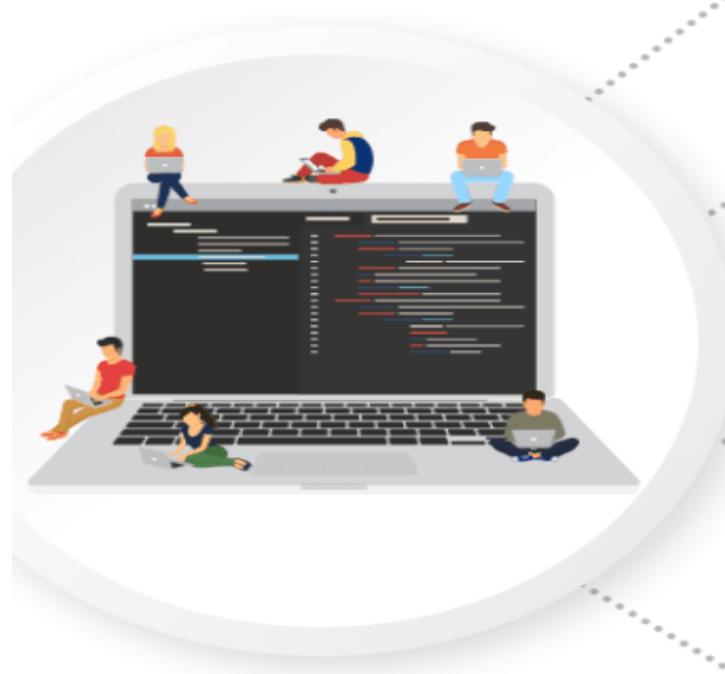


in compliance  
reasoning or



policy validation.

# 5 best practices for prompt engineering



## Be clear and specific

To generate accurate responses avoid using vague language.



## Provide context

Use relevant examples to help the model generate appropriate responses.



## Experiment with different prompts

Use a variety of prompts to test the limits of the model.



## Use relevant keywords

To help the model focus on the specific task and improve the relevance of the responses.



## Refine the prompt

Use feedback to improve the prompt and optimize the model's performance.

# RAG Architecture Overview



Introduction to Retrieval-Augmented Generation



Why RAG is critical for enterprise GenAI adoption

# What is RAG?

RAG combines traditional **retrieval systems**

(like document or vector search) with **LLMs**

to produce answers grounded in real,

up-to-date data

# **What is RAG?**

**Retrieves** relevant content

from enterprise data

policies, product manuals,

inventory logs

# **What is RAG?**

Augments

the user query

by combining it

with this retrieved context.

## **What is RAG?**

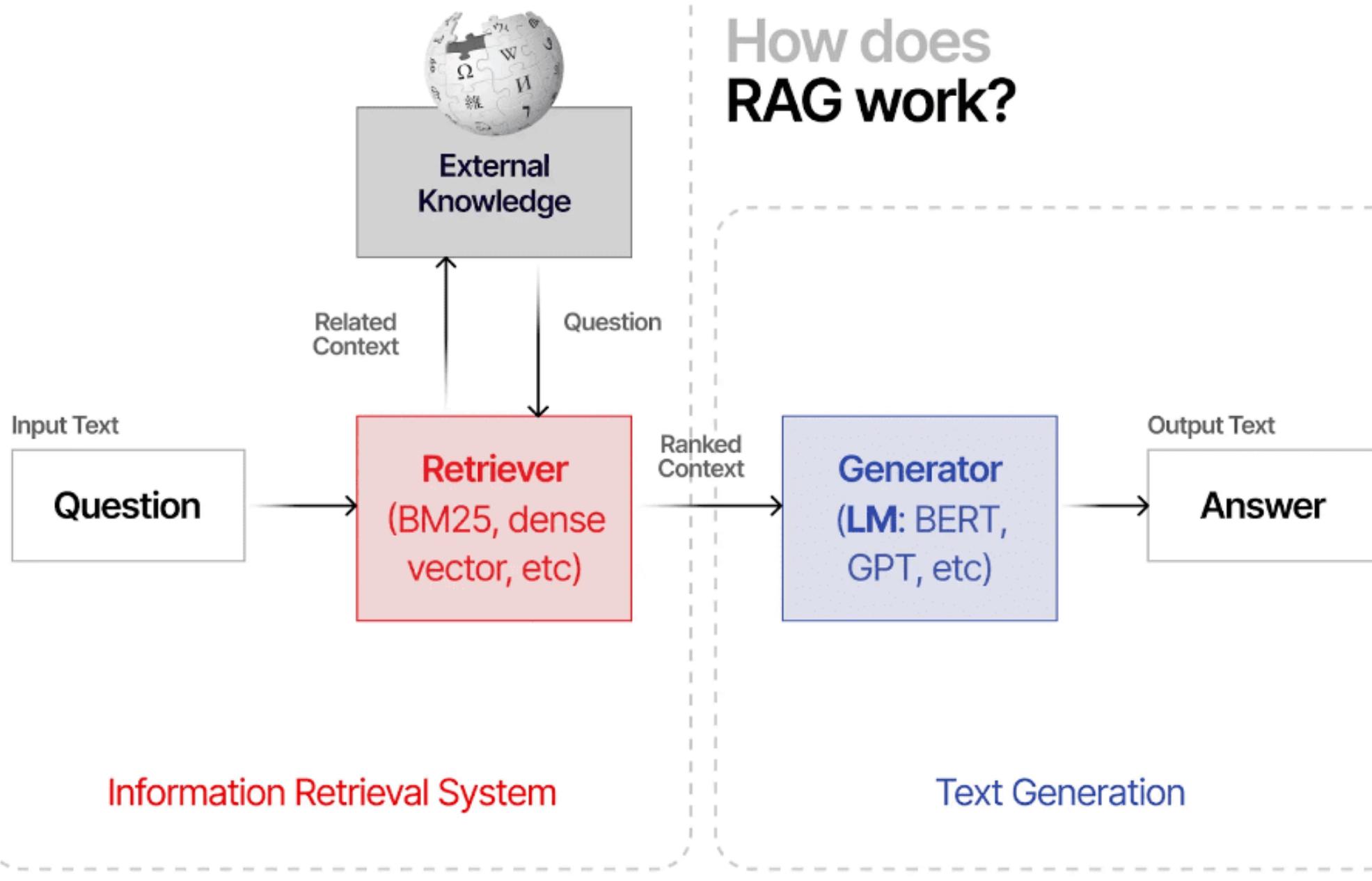
Generates

a precise,

accurate response

using the LLM.

# How does RAG work?



# Why RAG is Critical for Enterprise GenAI ?



**Reduces hallucinations,**



ensuring accuracy and trust

# Why RAG is Critical for Enterprise GenAI ?

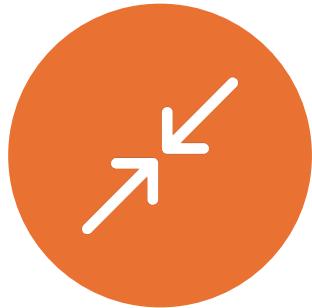
Keeps responses current

by accessing live

enterprise data

no retraining needed

# Why RAG is Critical for Enterprise GenAI ?



**ENABLES DOMAIN-SPECIFIC ANSWERS,**



**IMPORTANT FOR POLICY,**



**INVENTORY, LEGAL, OR**



**OPERATIONAL QUERIES**

# Why RAG is Critical for Enterprise GenAI ?



**Faster and cheaper**

to implement than

full model retraining

# RAG Workflow

Index Data

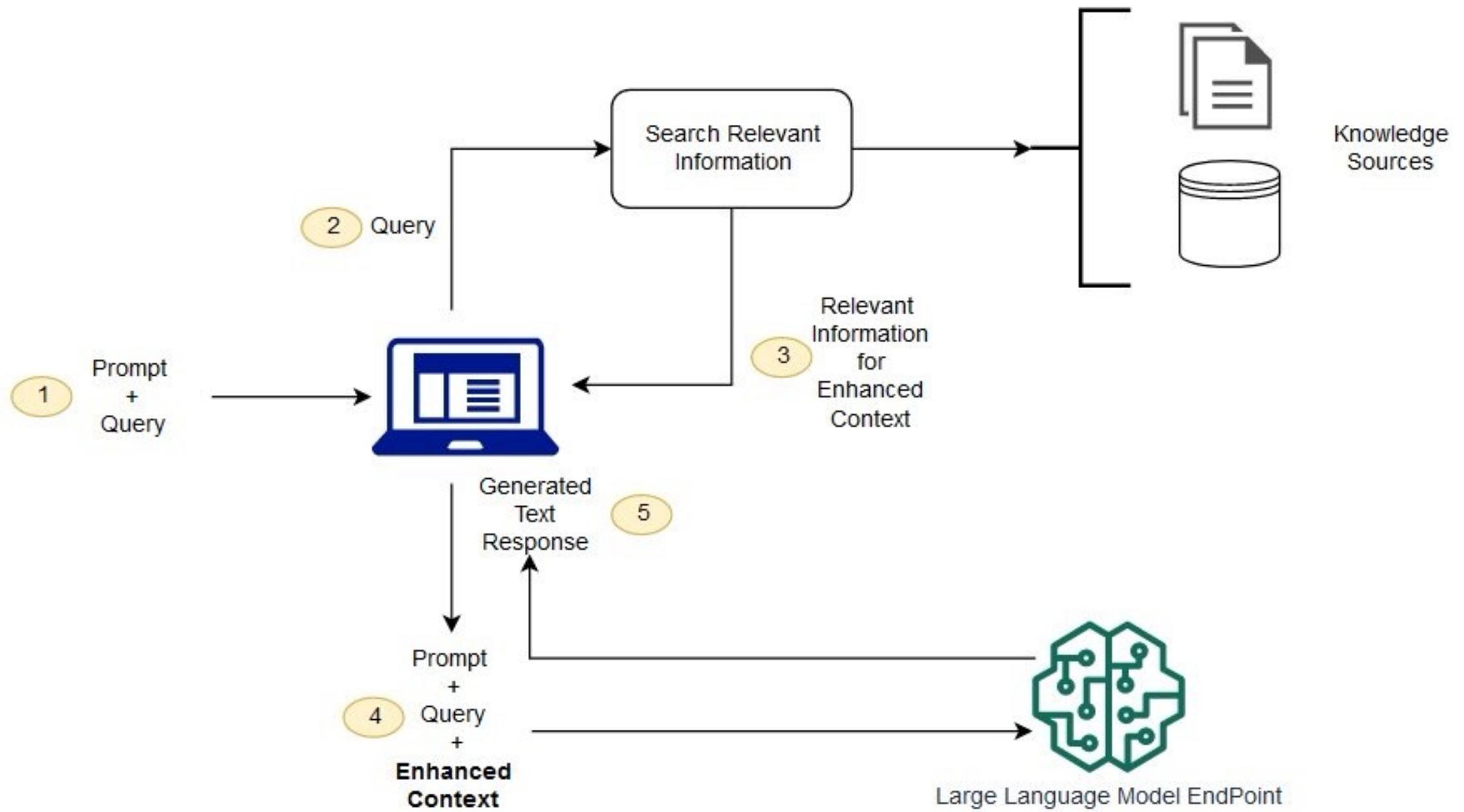
User Query

Retrieve

Augment Prompt

LLM Output

Display Answer



# Index Data



Convert Walmart internal documents



e.g., return policy PDFs, inventory logs



into embeddings and



store them in a vector database.

# User Query



Customer asks via chatbot:



“Can I return a blender bought 40 days ago?”

# Retrieve



RAG searches the vector database,



finds recent “Return Policy” doc,



30–45 day rules.

## **Augment Prompt**

Q: Can I return a blender  
bought 40 days ago?

Context: “Blender returns  
accepted within 45 days

of purchase with receipt.”

# LLM Output



“Yes – you can return the blender  
within



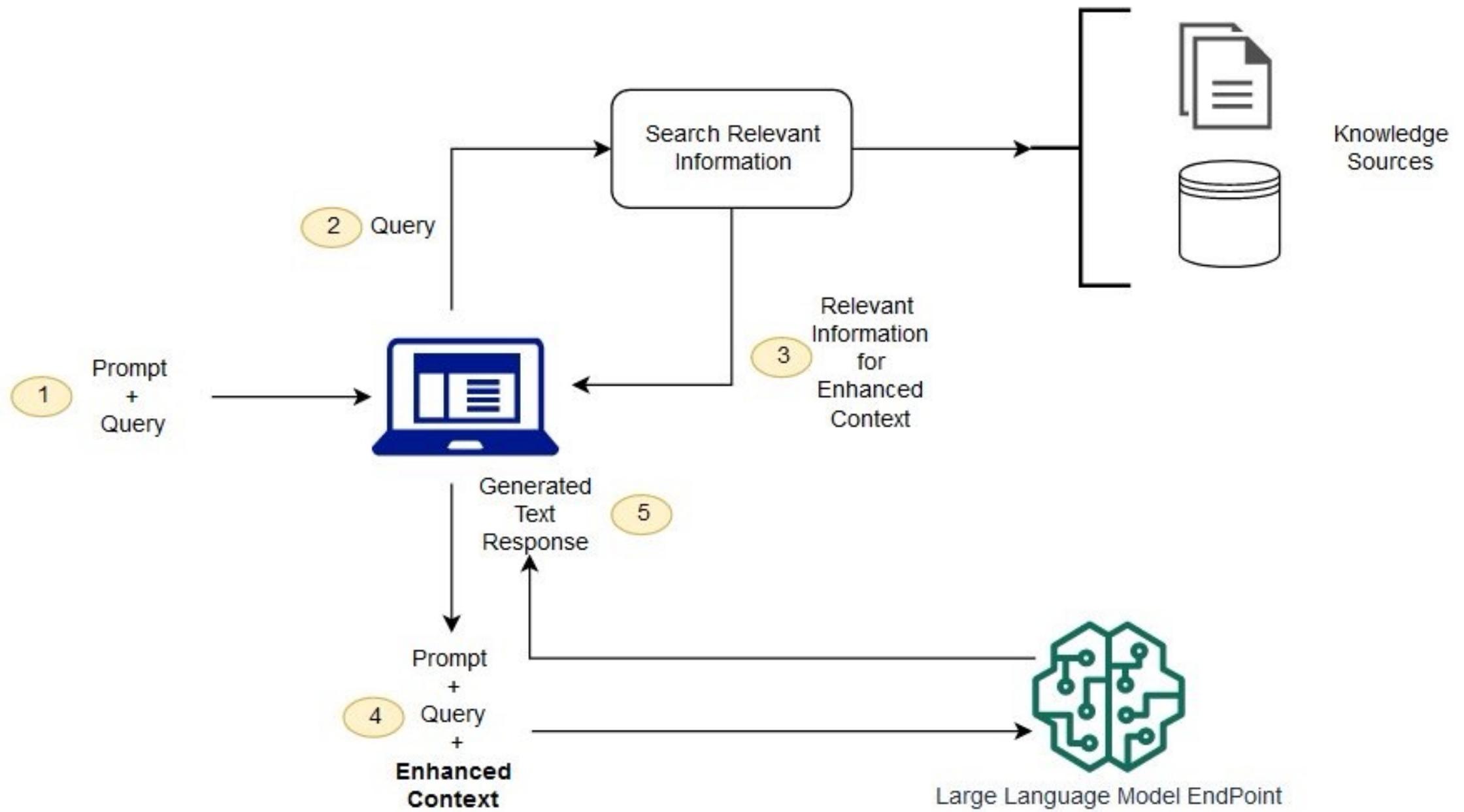
45 days of purchase with  
receipt.”

# **Display Answer**

Chatbot responds

confidently,

grounded in live data.



## Benefits for Walmart GenAI

Customer Confidence

Efficiency

Auditability

Scalability

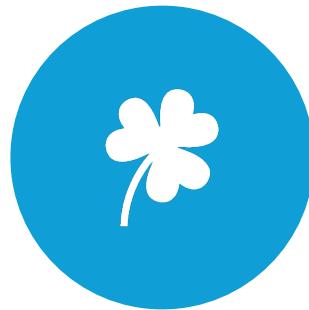
# Customer Confidence



REPLIES ARE



FACT-BASED AND



POLICY-  
GROUNDED,



REDUCING  
SUPPORT ISSUES.

# **Efficiency**

Real-time,

accurate assistance

without extensive model  
retraining.

# Auditability



Context can include citations



Based on Walmart's Return  
Policy doc

# Scalability



CAN BE APPLIED TO  
OTHER AREAS



PRICING, STOCK  
QUERIES,



LEGAL GUIDELINES.

# Why Walmart Needs RAG?

Without RAG:

LLMs might **hallucinate**  
or provide outdated info.

Sensitive enterprise data  
stays siloed.

# Why Walmart Needs RAG?

With RAG:

Answers draw from real-time  
**internal data**, boosting accuracy.

No full retraining—just update your  
vector store when policies change.

Enables **trusted, compliant,**  
**enterprise-grade AI experiences.**

The background image shows a long wooden pier extending from the foreground into a body of water. In the distance, a large cable-stayed bridge spans across the horizon. The sky is filled with heavy, dark clouds, with some lighter areas suggesting a sunset or sunrise. The water reflects the light from the sky.

# LangChain Integration

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GKTCS Innovations

<https://www.gktcs.com>

# Agenda



LangChain with OpenAI / Gemini



Document loading,



Retriever setup,



Chain creation

# What is LangChain?



A powerful **framework**



for building  
applications



using **Large Language  
Models (LLMs)**.

# What is LangChain?



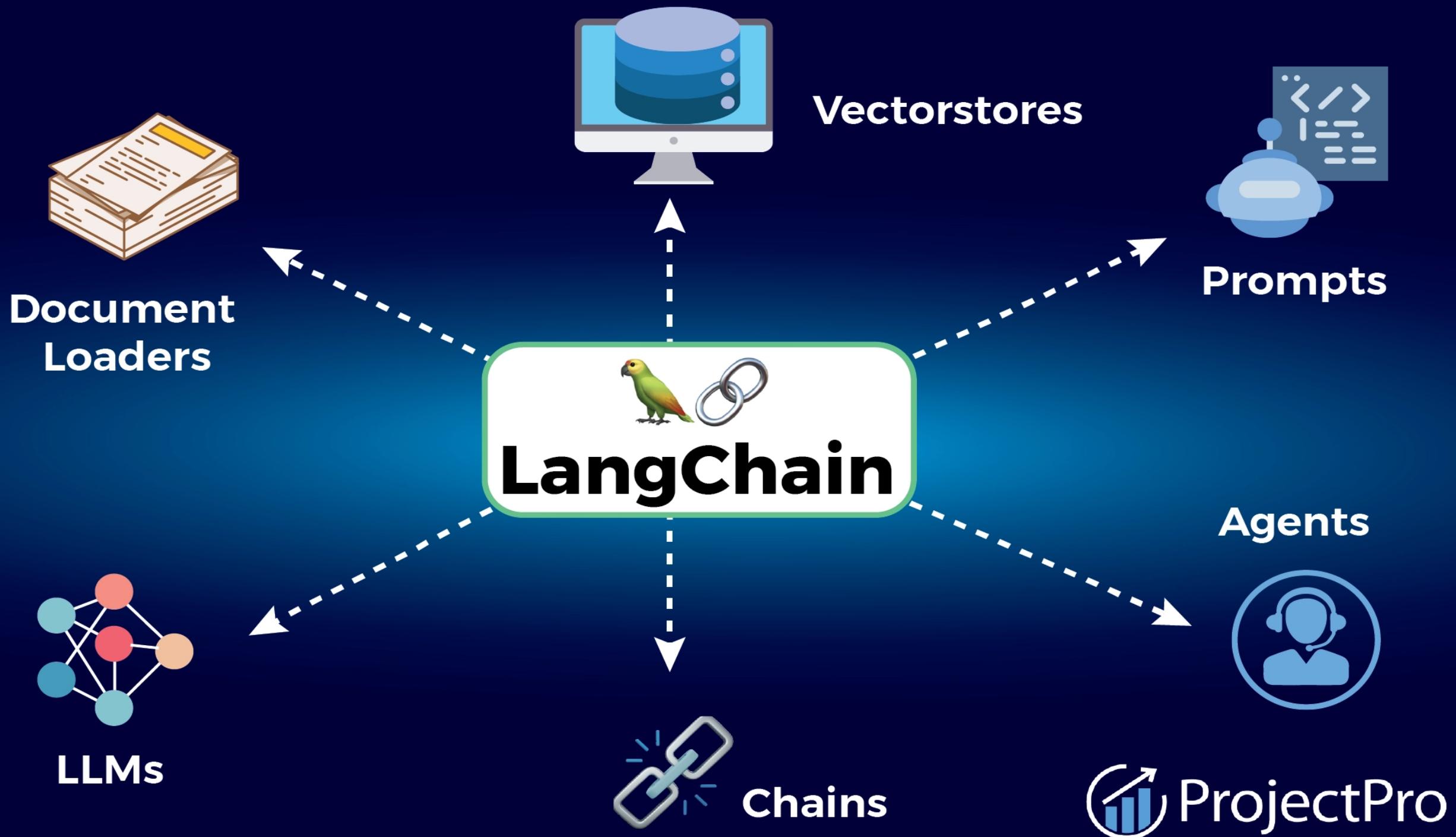
SIMPLIFIES  
EVERYTHING



FROM DEVELOPMENT  
TO DEPLOYMENT



OF LLM-BASED  
SOFTWARE SYSTEMS.



# Key Capabilities at a Glance

**Development  
Phase**

**Productionization  
Phase**

**Deployment  
Phase**

# 1. Development Phase



USE OPEN-SOURCE  
COMPONENTS



THIRD-PARTY TOOLS



TO BUILD LLM  
APPLICATIONS.

# 1. Development Phase

**LangGraph**

enables

to create

**stateful agents**

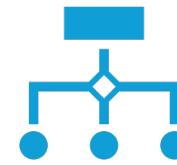
# 1. Development Phase



Support



Streaming  
outputs



Human-in-the-  
loop feedback



Tool usage  
coordination

## 2. Productionization Phase

**LangSmith**

Inspect and  
debug LLM  
applications

Monitor  
performance

Evaluate  
accuracy &  
quality

Continuously  
optimize models  
and prompts

### 3. Deployment Phase

Turn  
LangGraph  
apps

Into APIs

Production-  
ready AI  
Assistants

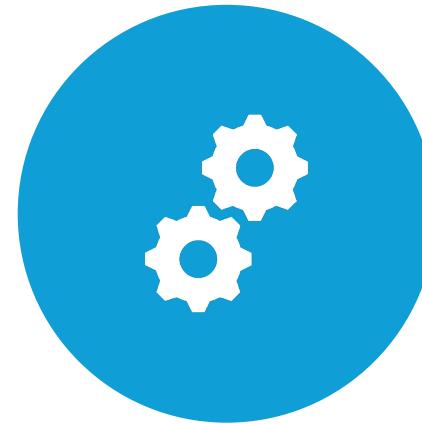
# 3. Deployment Phase



USE LANGGRAPH  
PLATFORM

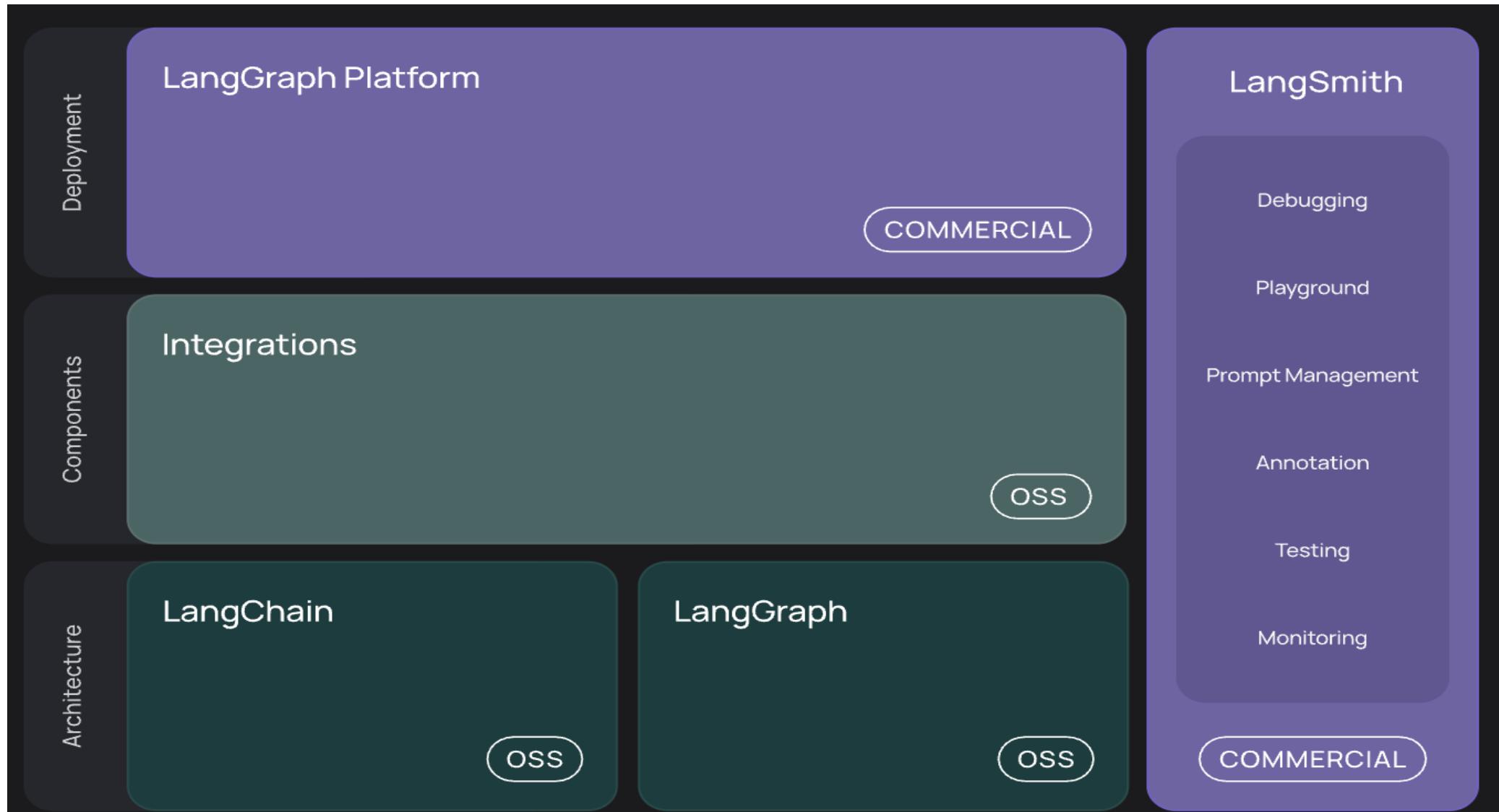


FOR CLOUD-BASED  
HOSTING



AND ORCHESTRATION

# LangChain + LangGraph Architecture



# Architecture Overview

Module	Purpose
<b>langchain-core</b>	Base interfaces & abstractions for LLMs, tools, and prompts
<b>langchain</b>	Contains higher-level components like agents, chains, and retrieval strategies

# Architecture Overview

Module	Purpose
<b>langchain-openai,</b> <b>langchain-anthropic,</b>	Integration packages maintained by LangChain + provider teams
<b>langchain-community</b>	Third-party and community-contributed integrations

# Architecture Overview

Module	Purpose
<b>langgraph</b>	Agent orchestration framework with support for memory, streaming, and persistence
<b>LangSmith</b>	Observability and evaluation platform for LangChain apps
<b>LangGraph Platform</b>	Cloud deployment & lifecycle management of LangChain applications

# Reference

- <https://python.langchain.com/docs/introduction/>

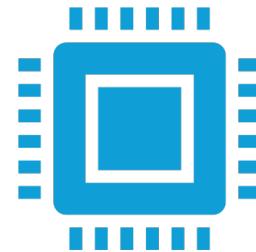
# Ecosystem Integration



LangChain integrates



with **hundreds of tools**,



models, and providers

## GenAI Tools Providers

OpenAI,

Anthropic,

Hugging Face,

Cohere,

Google Vertex

Vector stores

Pinecone,

Chroma,

FAISS

# Tools



Search APIs,



SQL databases,



file readers,



Python REPL

# Cognitive Architecture Features

LangChain's design

encourages building apps

that simulate thinking agents with:

Memory, Tool usage

Multi-step planning,

Retrieval-Augmented Generation (RAG)

# Cognitive Architecture Features

**Memory:** Store past interactions

**Tool usage:** Perform calculations, search, look up info

**Multi-step planning:** Use planners, routers, chains

**Retrieval-Augmented Generation (RAG)**

Fetch relevant knowledge before answering

# Summary of Key Points

Category	Summary
Framework Type	Agentic LLM application development
Core Components	Chains, Agents, Tools, LangGraph
Lifecycle Coverage	Build → Monitor (LangSmith) → Deploy (LangGraph Platform)

# Summary of Key Points

Category	Summary
Extensibility	Integrates with major LLM providers and tools
Production Readiness	Enables streaming, persistence, tracing, and evaluation

# Why LangChain?

LangChain makes it easy

to build complex GenAI pipelines using:

Document Loaders

Retrievers

Chains/Agents

# Why LangChain?

**Document Loaders:**

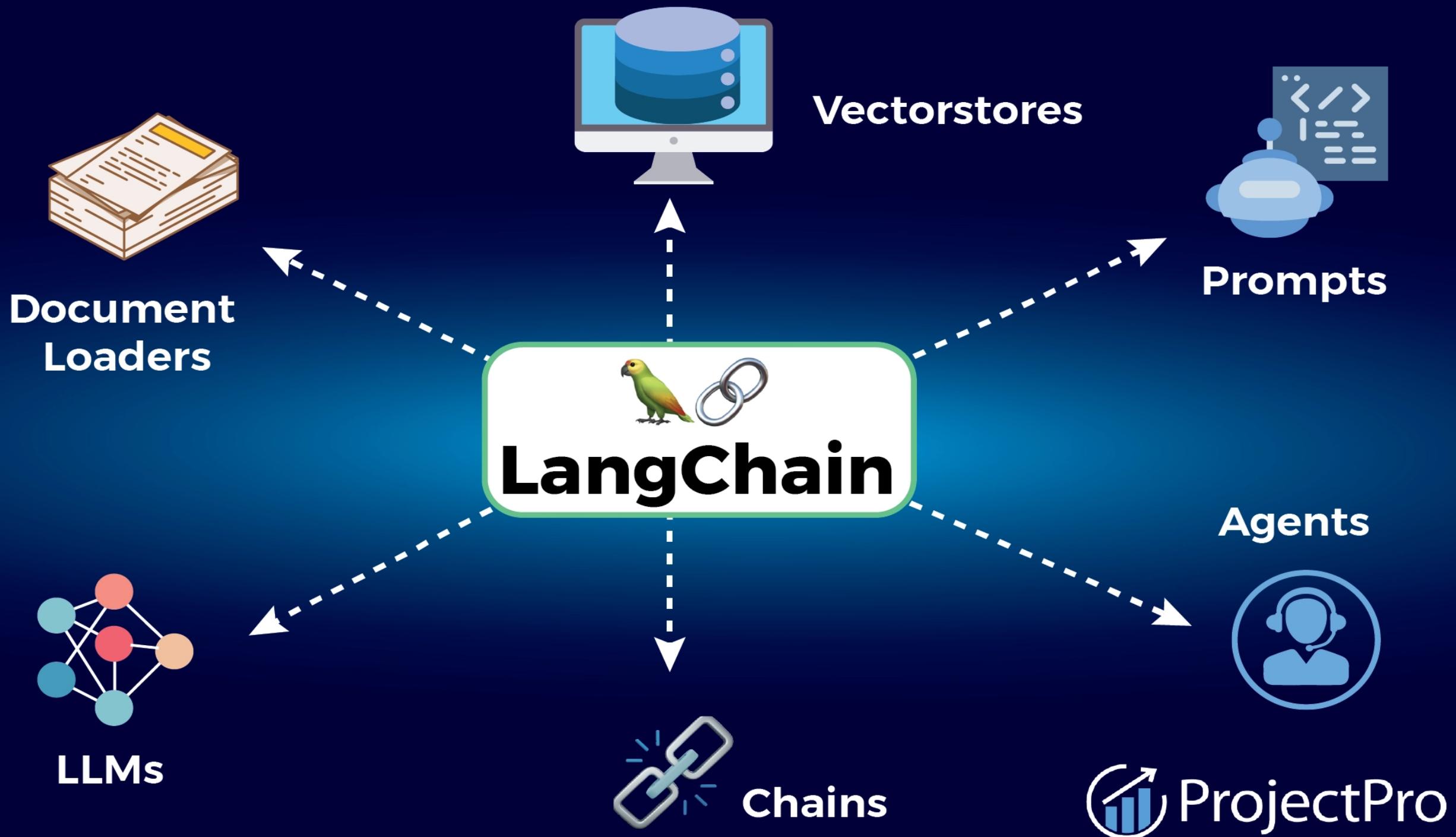
bring in PDFs, Excel, web pages

**Retrievers:**

fetch relevant info via embeddings

**Chains/Agents:** orchestrate workflows

e.g., search → generate → respond



# Loading Walmart Documents

```
from langchain.document_loaders import PDFLoader
```

```
loader = PDFLoader("/data/walmart_return_policy.pdf")
```

```
docs = loader.load() # 🌈 policies, manuals, docs
```

# Creating Embeddings + Retriever

#Using OpenAI embeddings

```
from langchain.embeddings import OpenAIEmbeddings  
from langchain.vectorstores import Chroma
```

```
embeddings = OpenAIEmbeddings()  
vectordb = Chroma.from_documents(docs, embeddings)  
retriever = vectordb.as_retriever()
```

# How it Ties to Walmart?



**Document loaders** ingest manuals, guidances, product info



**Retrievers** pull only relevant slices using vector search



**Chains** inject context to generate reliable replies in live chat or voice kiosks

# Benefits for Walmart



**Accurate, grounded answers — reduces hallucination**



**Real-time updates — policies, inventory stay fresh in vectordb**



**Modular and scalable — swap LLMs (OpenAI, Gemini) as needed**



**Multimodal possibilities — e.g., image + text via Gemini**

# **Walmart LLM Gateway**

Access control and internal model orchestration

Capabilities and supported use cases

Comparison:

Azure OpenAI

Google GenAI

Open Source (LLaMA, Mistral)

# **Embedding & Vector Store**

Managed Milvus:

Vector DB-as-a-Service

Embedding generation pipeline:

Sentence Transformers, HuggingFace

Document ingestion and search

# What is Managed Milvus?



A vector database-as-a-service



optimized for similarity search



large-scale embeddings .

# **What is Managed Milvus?**

Built for storage,

query,

indexing,

scaling across billions of vectors

# **What is Managed Milvus?**

Offers both

**open-source standalone and**

**fully managed cloud service**

**options via Zilliz Cloud .**

# **Walmart uses case**



Multilingual product search and



internal document retrieval.

# Embedding Generation Pipeline

Use Sentence Transformers or

HuggingFace models to convert text

(product titles, reviews, policies)

into dense vectors

# Embedding Generation Pipeline

```
from sentence_transformers import SentenceTransformer  
model = SentenceTransformer('all-MiniLM-L6-v2')  
vector = model.encode("₹999 kids backpack with cartoon print")
```

# Document Ingestion & Vector DB Setup

Load documents: CSVs of product data,

PDFs of policy docs

Generate embeddings

Insert into Milvus

# Document Ingestion & Vector DB Setup

```
from pymilvus import Collection, connections  
  
connections.connect()  
collection = Collection("walmart_products", schema=...)  
collection.insert([vectors, product_ids])
```

# Document Ingestion & Vector DB Setup



Supports **auto-scaling**,  
**sharding**, and **fault tolerance** .



Zilliz Cloud offers fully managed  
infrastructure for ease and  
performance .

# Semantic Search Workflow

- Customer queries: “cartoon school bag under ₹1000.”
- Convert query to embedding using the same model.
- Use collection.search in Milvus to find top-k similar product vectors.
- Load and display matching product details in app/website/chat.

## Walmart use



Enhances search relevance  
drastically



especially for “long-tail” or



descriptive queries

# Why This Matters for Walmart?



Improves **search relevance** and



**product discovery** on Walmart.com.



Enables **fast retrieval**



from internal documents



like inventory or policy manuals.

# Why This Matters for Walmart?

Fully **scalable**, secure, and

integrates well with existing GenAI stack

using APIs like **LangChain retrievers** .

**Managed Milvus** reduces ops burden

while supporting enterprise-scale queries

# Summary

Stage	What Happens	Walmart Impact
Embedding Generation	Convert text/images → numeric vectors	Meaningful search, similarity matching
Vector Ingestion	Store embeddings in Milvus database	Scalable, low-latency retrieval
Semantic Search	Find similar vectors using nearest neighbor	Better product recommendations, search UX
RAG + LLM Integration	Use retrieved docs as context for LLM responses	Accurate chatbot answers, grounded responses

# LLM Use Cases @ Walmart



Customer-facing chatbots



Supplier onboarding assistants



Buyer enablement tools



Internal process automation

# **Customer- Facing Chatbots**



**What it is?**



AI-powered assistants



that help customers with queries



about orders, returns, and product info.

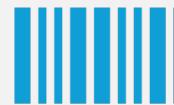
# Walmart Example



Chat with Walmart



chatbot helps users with  
checkout,



order tracking, and refunds

# Why it matters?

Provides 24/7 support and reduces live-agent volume.

Personalized and context-aware assistance enhances customer experience.

# Supplier Onboarding Assistants



**WHAT IT IS?**



CHATBOTS THAT  
AUTOMATE



SUPPLIER  
INTERACTIONS



FROM DOCUMENT  
SUBMISSION TO  
NEGOTIATION.

# Walmart Example



AI-powered negotiation bot achieved a



**64% negotiation success** with suppliers,



surpassing the 20% target



AI automates routine supplier data entries  
and contracts

# Why it matters?



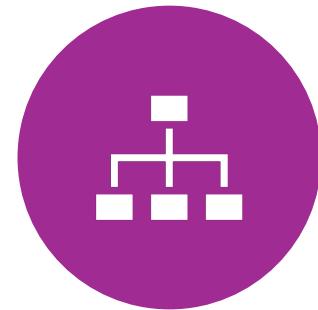
SPEEDS UP SUPPLIER  
ONBOARDING,



IMPROVES TERMS,  
AND



FREESES  
PROCUREMENT STAFF



FOR STRATEGIC  
TASKS.

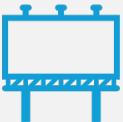
# **Buyer Enablement Tools**



**What it is:**



Tools that assist Walmart buyers and



merchandisers with analytics and



product decisions.

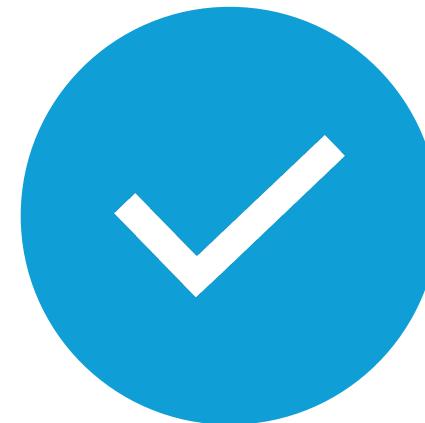
# Walmart Example



“TREND-TO-PRODUCT”  
AGENT USES GENAI



TO IDENTIFY  
TRENDING ITEMS AND



STREAMLINE PRODUCT  
SELECTION

# Walmart Example



“Wallaby”—Walmart’s  
proprietary LLM



trained on internal data

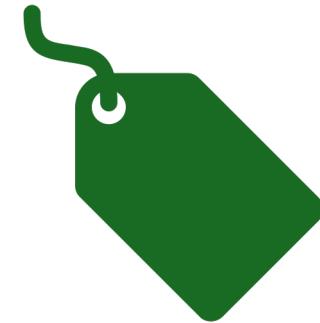


enhances context-  
aware product insights

# Why it matters?



Improves speed and quality of product

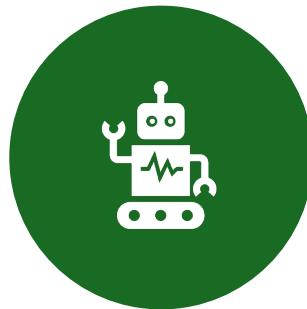


assortments and pricing decisions.

# Internal Process Automation



**WHAT IT IS?**



GENAI-POWERED  
ASSISTANTS THAT



IMPROVE INTERNAL  
OPERATIONS



FOR ASSOCIATES AND  
CORPORATE TEAMS.

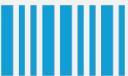
# Walmart Example



**Ask Sam:**



Voice assistant helps store associates



locate products, check inventory,



view schedules

# Walmart Example



## My Assistant:



Summarizes documents,



supports HR



streamlines developer queries,



improving onboarding and troubleshooting

# Why it matters



Boosts associate productivity



and job satisfaction.



Automates repetitive internal tasks,



saving time and improving accuracy.

# Summary

Use Case	Description	Walmart Benefit
Customer Chatbots	AI for orders, refunds, questions	24/7 support, personalized experiences
Supplier Assistance	Automating onboarding and negotiations	Faster onboarding, better terms
Buyer Tools	Trend detection and product analytics	Data-driven purchasing and assortment planning
Internal Automation	Voice/data assistants for employees	Faster access to inventory info, HR support, and developer help

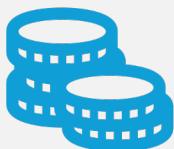
# ROI & Strategic Impact



Satisfying AI-powered consumer experiences



can increase satisfaction by 20% and



reduce costs by 10–20% .

# ROI & Strategic Impact



Automating supplier negotiations



leads to **higher win rates (64%)**,



reduced negotiations time, and



cost efficiency

# ROI & Strategic Impact



Internal GenAI tools



empower **50,000+ employees**,



increasing developer efficiency and



reducing manual work

# Hands-On Session



Generate embeddings from text documents



Store and query documents using Milvus vector DB



Perform similarity-based document retrieval

Happy Learning!!  
Thanks for Your  
Patience ☺

# Surendra Panpaliya

## GKTCS Innovations