

# Types Of RAG's — AGENTIC AI

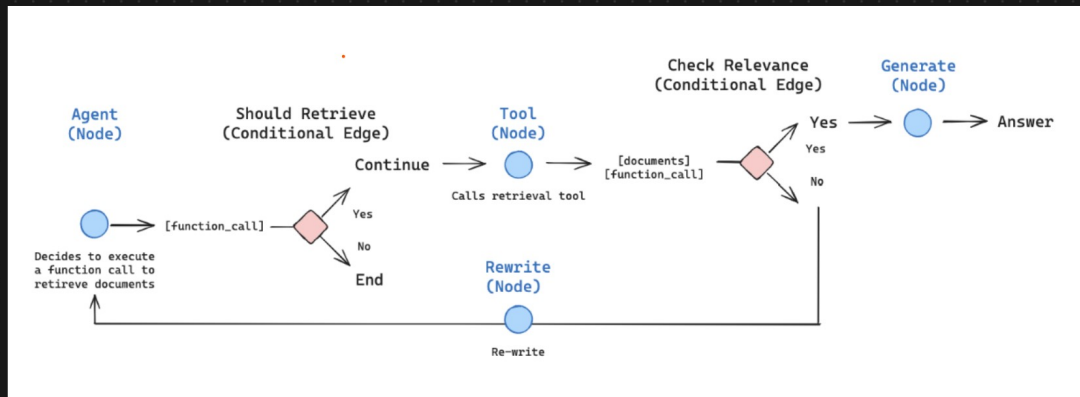
## 1) Agentic RAG [Retrieval-Augmented Generation]

Agentic RAG (Retrieval-Augmented Generation) is a framework that enhances traditional RAG systems by incorporating intelligent agents to handle complex tasks and make decisions dynamically.

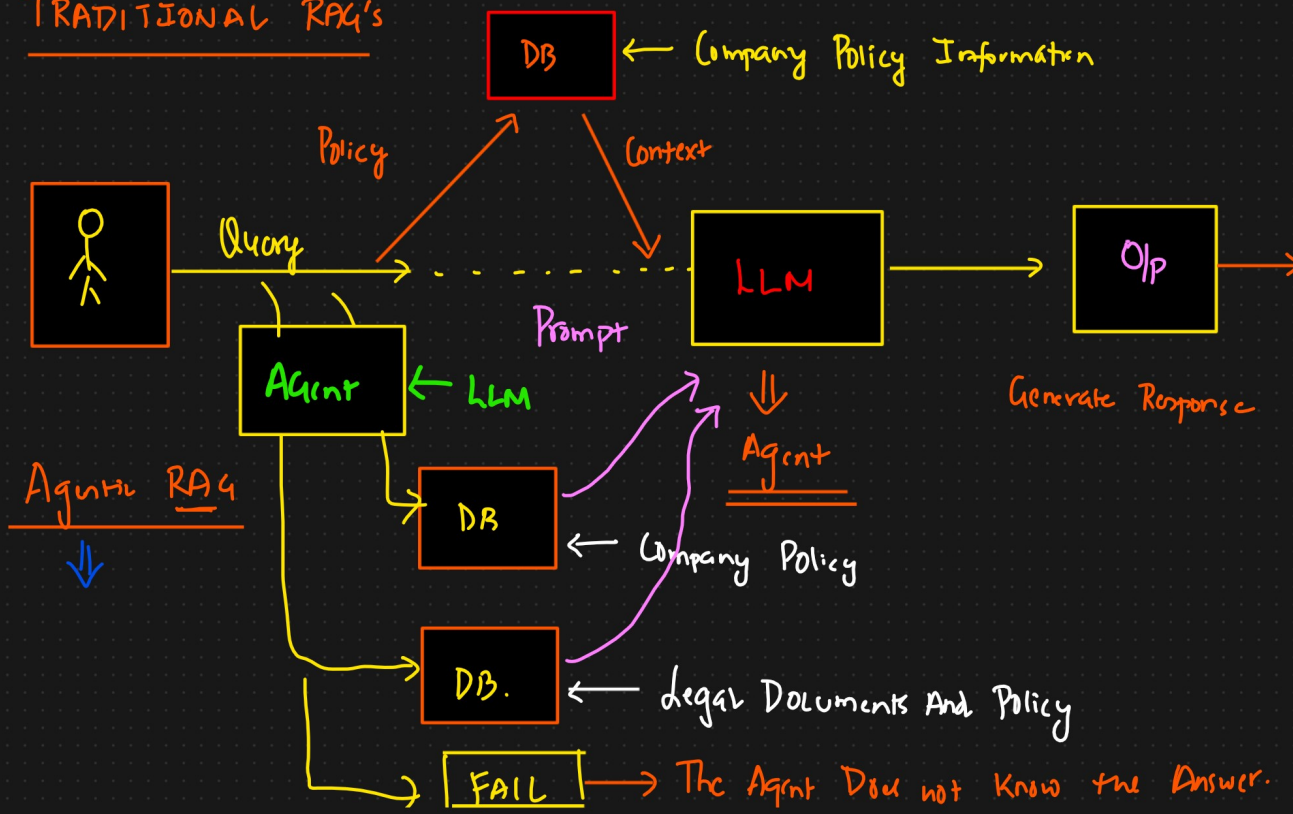
Use an agent to figure out how to retrieve the most relevant information before using the retrieved information to answer the user's question.

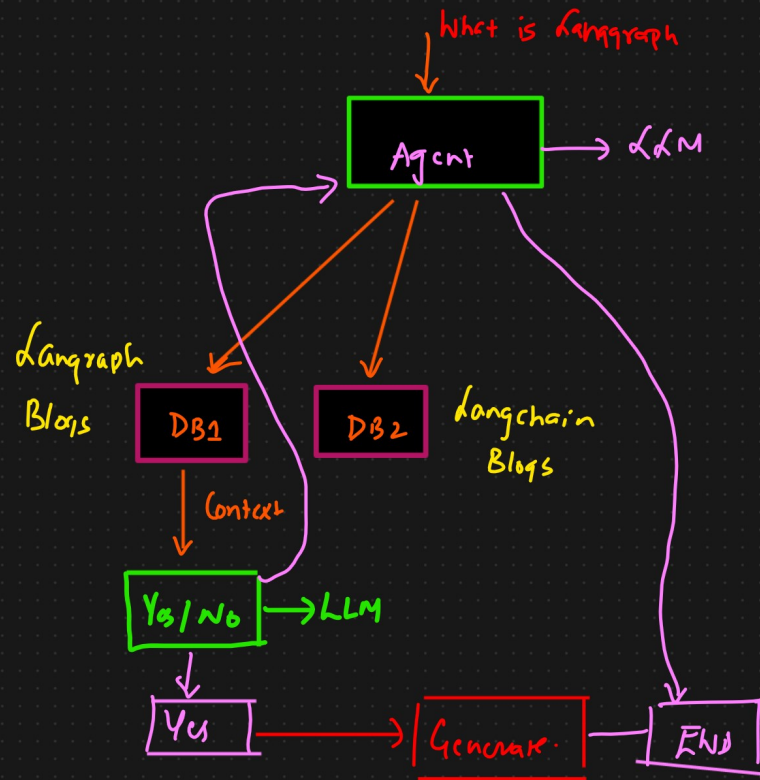
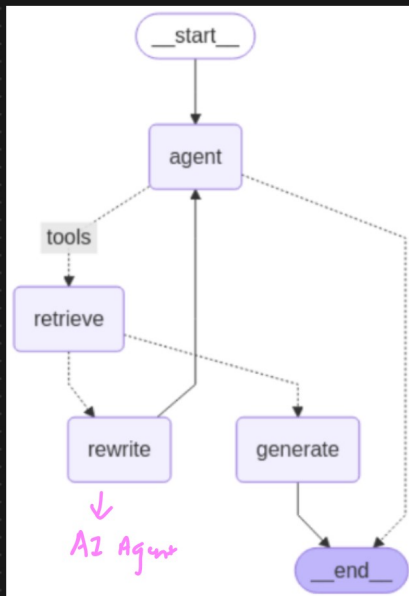
Retrieval Agents are useful when we want to make decisions about whether to retrieve from an index.

To implement a retrieval agent, we simply need to give an LLM access to a retriever tool.



## TRADITIONAL RAG's

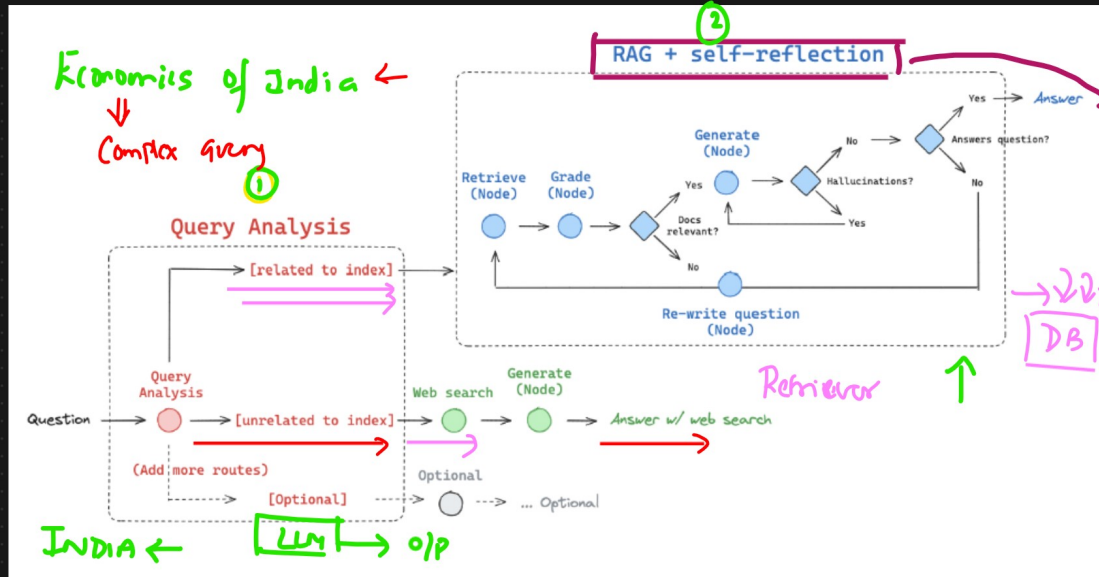




## 2) Adaptive RAG

Agmk

**Adaptive RAG (Retrieval-Augmented Generation)** is a framework that dynamically adjusts its **strategy for handling queries based on their complexity**. It's like having a smart assistant that knows when to dig deep for information and when to provide a simple answer. Instead of using a single, rigid approach, Adaptive RAG chooses the most appropriate **retrieval method for each query**, balancing speed and accuracy.

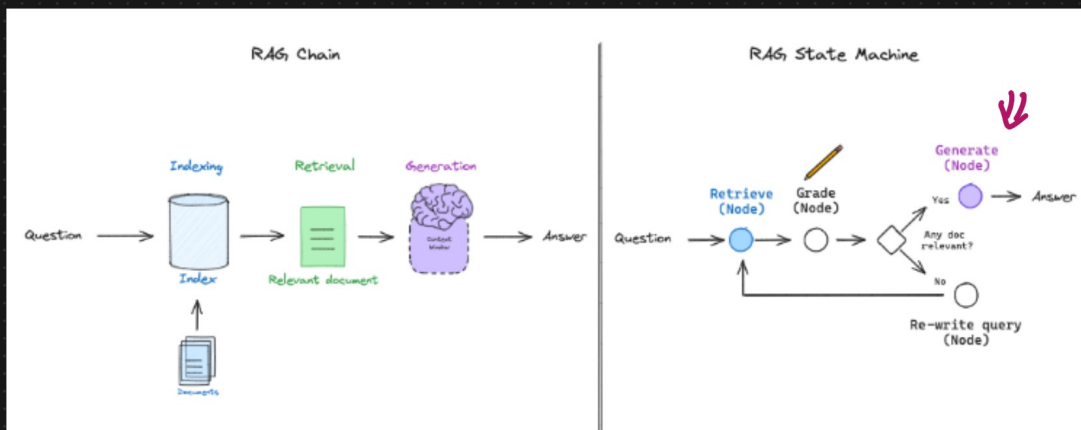


SELF  
CORRECTIVE  
RAG

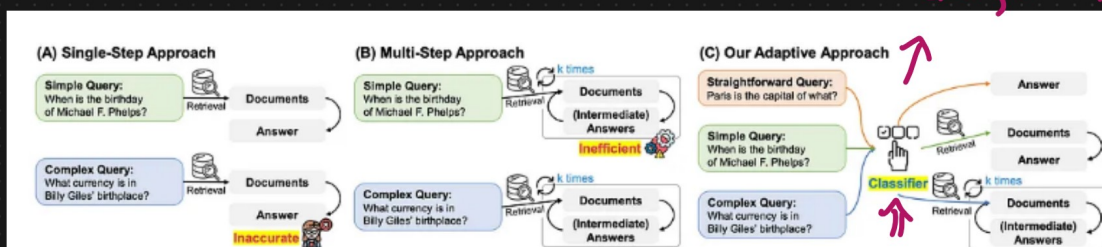
Complex

X42  
What are the  
policies for import  
X42 in India

Adaptive RAG is a strategy for RAG that unites (1) **query analysis with** (2) **active / self-corrective RAG**.



Query Analysis





## Workflow

