AI Tools Usage Policy – Email Guidelines:

To ensure data privacy and maintain professional boundaries during AI tool experimentation:

- **Do not use personal or finance-linked email IDs** when testing or evaluating AI tools.

- **Create a separate, dedicated email account** specifically for learning, testing, and development purposes.

This practice helps safeguard sensitive information and ensures a clean separation between personal data and experimental workflows.

AI (Artificial Intelligence)

1956 – **"Artificial Intelligence"** was coined at the **Dartmouth Conference** This event is considered the **birth of AI** as a research field.

Artificial Intelligence (AI) - Machines think, learn, and act like humans. It's about creating systems that can perceive, reason, learn, and make decisions.
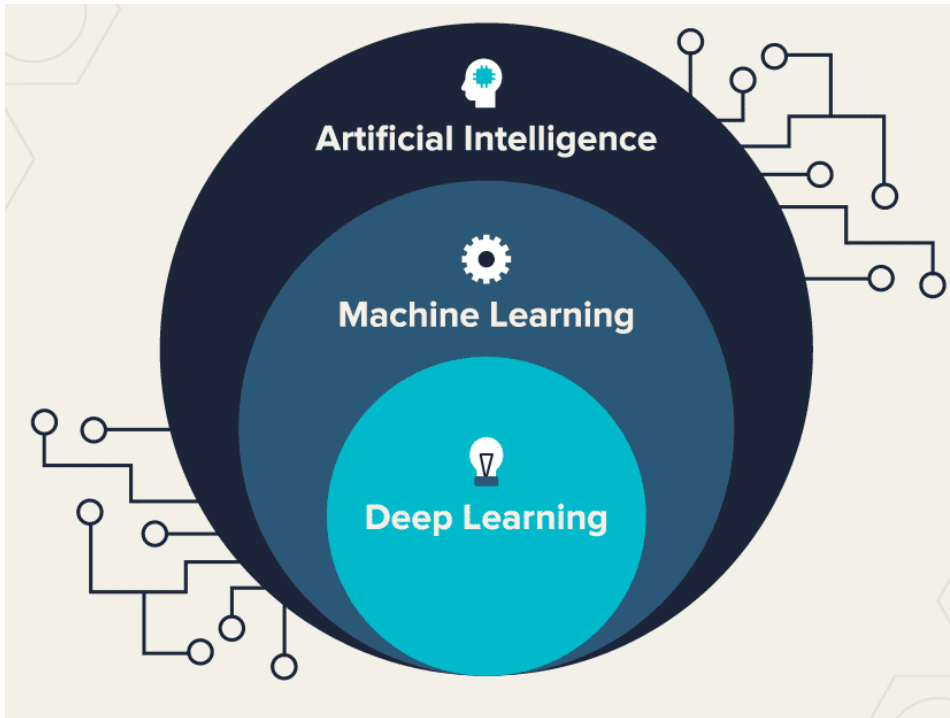
Machine learning (ML) is a Sub domain of artificial intelligence (AI). It focuses on creating methods that help computers learn from data and improve their performance on specific tasks. It is one of the main areas within AI.

Deep learning (DL) is a Sub domain of of Machine learning (ML). It uses computer models called neural networks to learn from large amounts of data and make smart decisions.

Ai System Types:

- **Generative AI**
- **AI Agents**
- **Agentic AI**

Gen AI

Generative AI

- Text - GPT, Claude, Gemini, LLaMA

- Images - Midjourney, DALL.E, Stable Diffusion

- Audio - ElevenLabs, Bark, MusicGen

- Videos - Sora, Runway, HeyGen

- Code - Github Copilot, Code Llama, CodeWhisperer

LLM = Large Language Model

LLM stands for Large Language Model, a type of artificial intelligence trained on vast amounts of text data to understand, process, and generate human-like text. These models use transformer architectures to learn language patterns and context, enabling them to perform tasks like text generation, translation, summarization, question-answering, and content creation.


Final Answer Is Generated

Input → LLM → Tools (HITL, SQL, G, arXiv, GALE, Bing) → Observation → Output

Loop Until Final Answer Is Reached

MOHAN SUNDARAM

| Ai System Type	Gen Ai (LLM Only) ①	Ai Agent ②	Agentic Ai ③
Task Capability	Answer based on pre Trained knowledge only. Like Text, images, audio and videos ChatGPT, Gemini	Task Input, Decide and Action/Completes a task using tools,Memroy,Data,api	Handle the multiple step with planning and co-ordination
Tool	No Extra Tool ⊠	Uses the Tools to complete the task	Uses multiple tools and call other AI agents.
Decision	No Decision Making ⊠	Make Decision complete the task	Plan , Decide and Autonomous Decision

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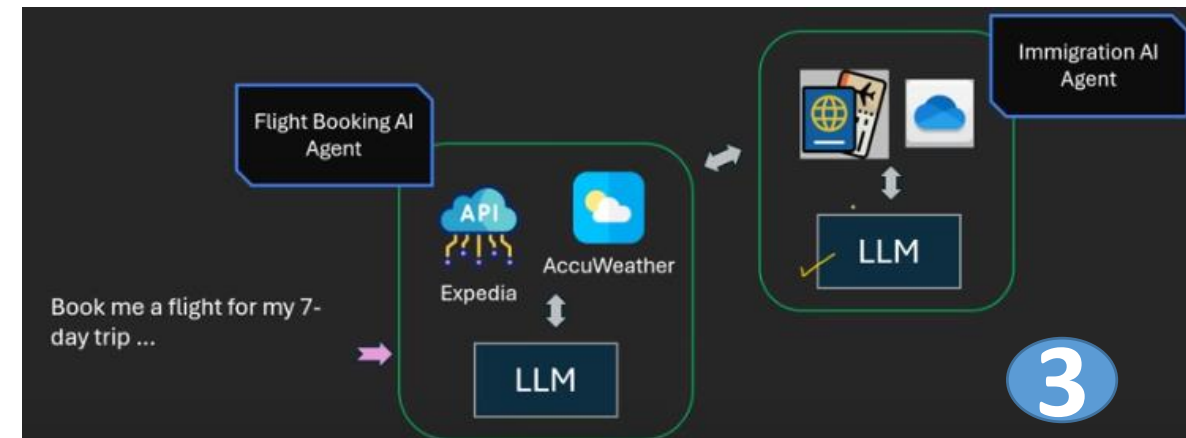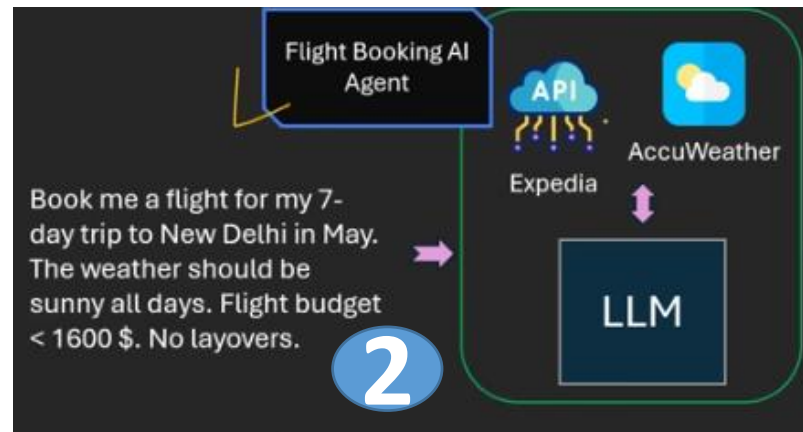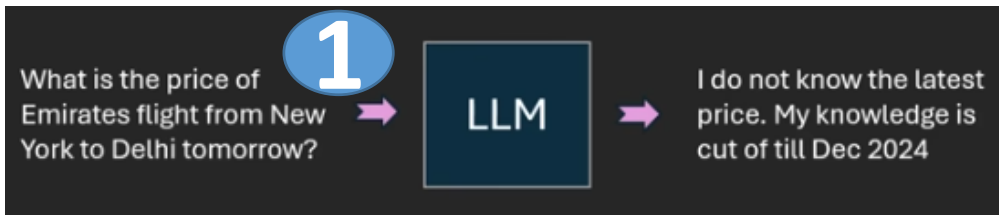
RAG = Retrieval Augmented Generation

- RAG is an AI framework that improves the output of large language models (LLMs) by giving them access to external or private data up-to-date knowledge bases before generating a response.
- RAG Powerful Knowledge base retrieval.
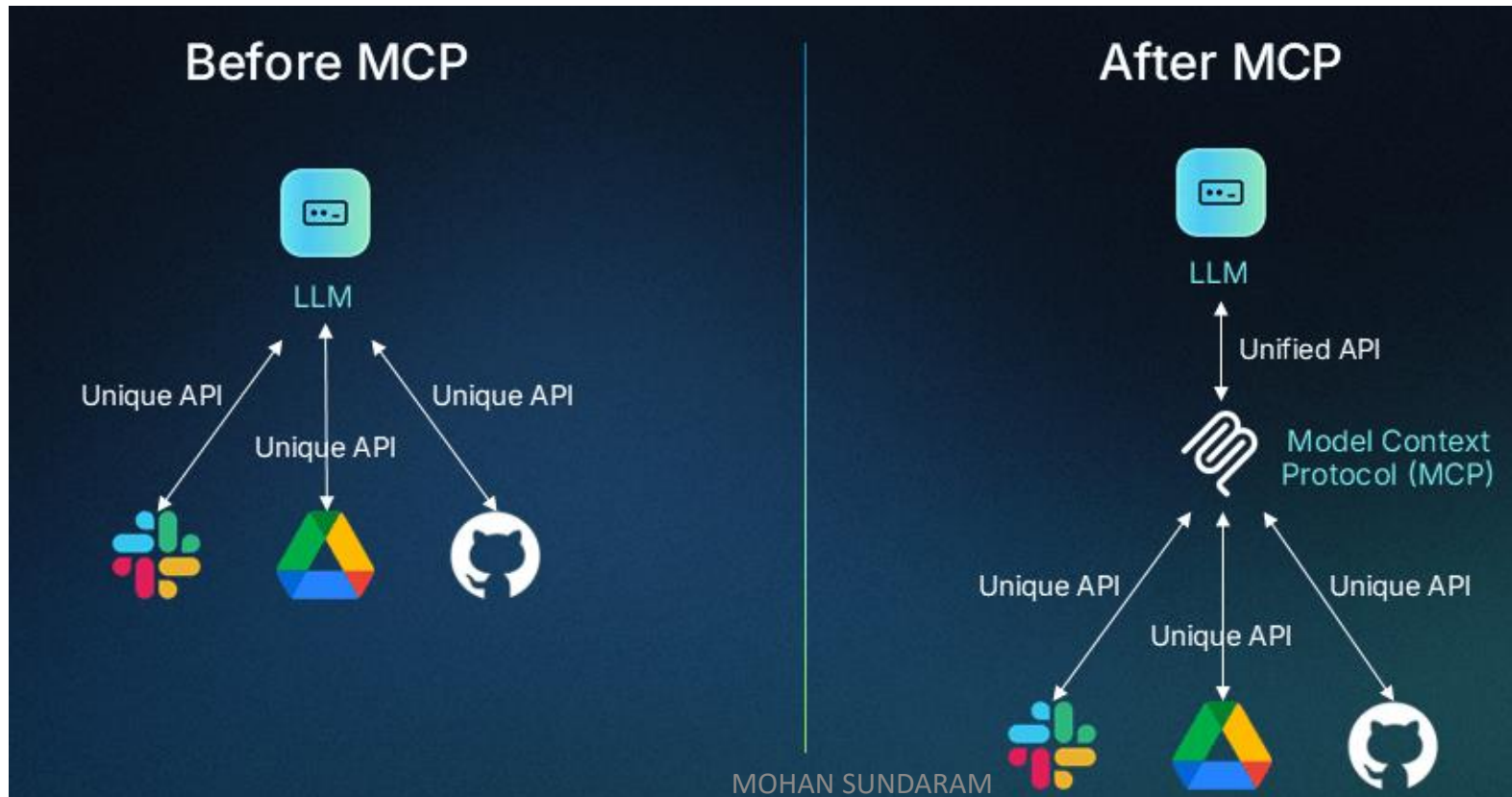- RAG input text and get the output improved text output.
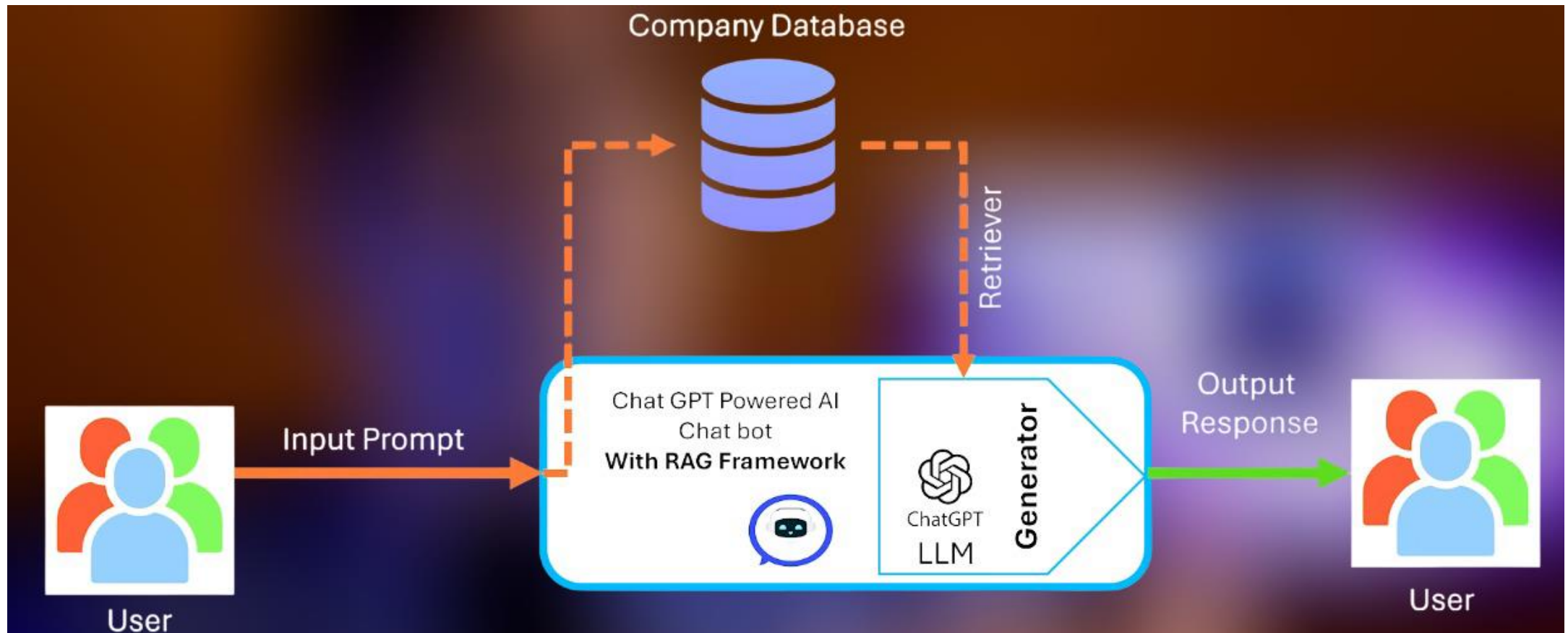
RAG Framework:-
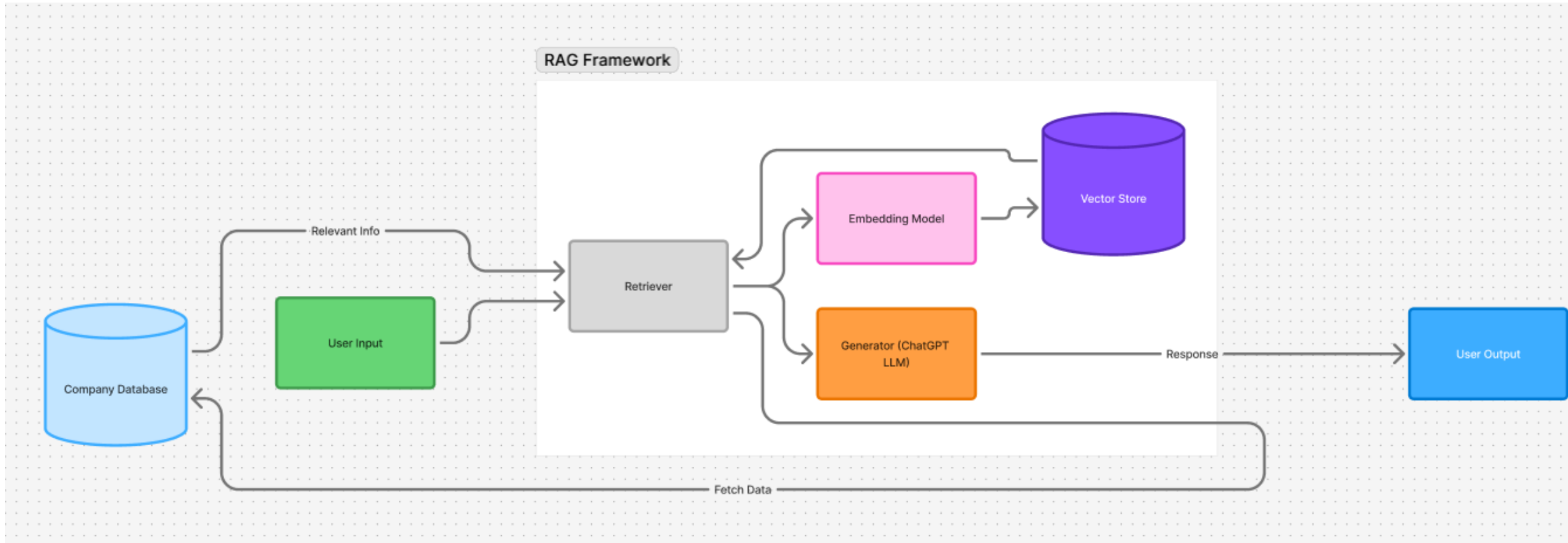
MCP - Model Context Protocol

- Open-source framework that allows large language models (LLMs) to securely and standardized interact with external data sources and tools API, application,databases..etc.

- MCP input text and get the output improved text and action output.

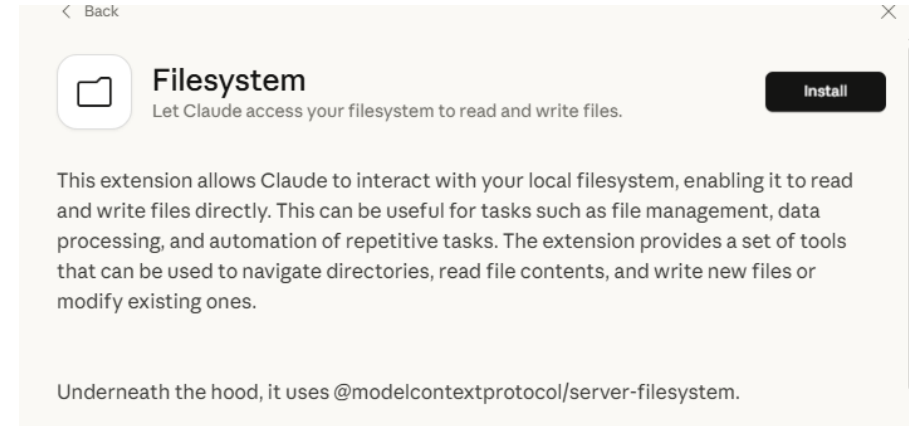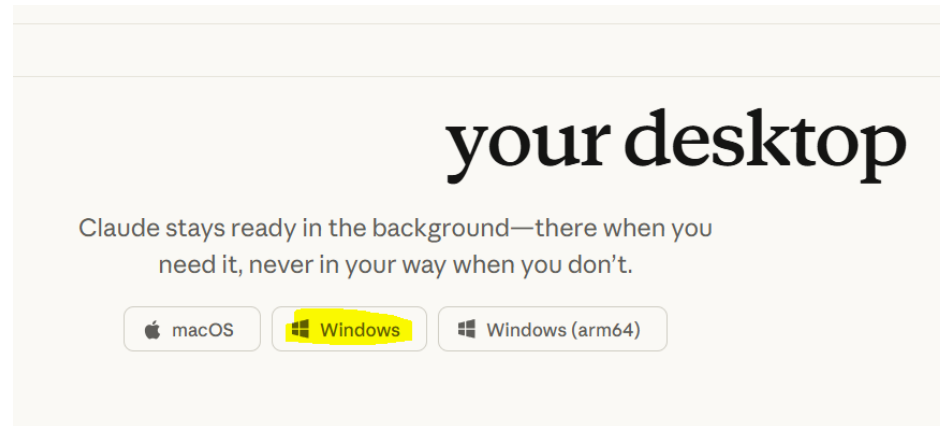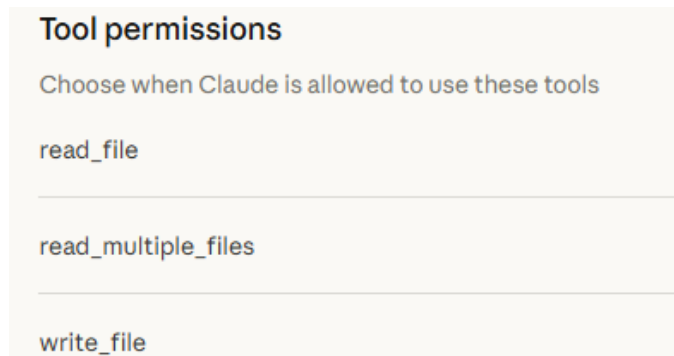- RAG and MCP combined integration tools more powerful.
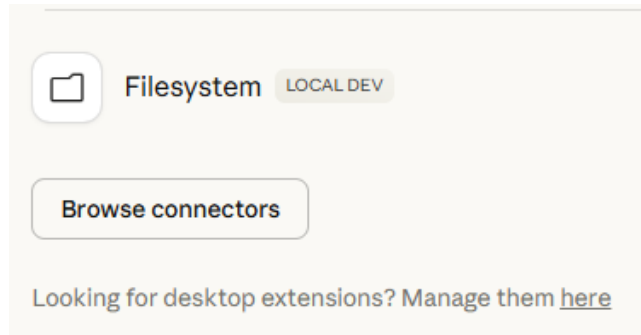
MCP – Example

https://www.claude.com/download

2

1

your desktop

Claude stays ready in the background—there when you need it, never in your way when you don't.

🍎 macOS   ⊞ **Windows**   ⊞ Windows (arm64)

< Back   ✕

📁 **Filesystem**   **Install**
Let Claude access your filesystem to read and write files.

This extension allows Claude to interact with your local filesystem, enabling it to read and write files directly. This can be useful for tasks such as file management, data processing, and automation of repetitive tasks. The extension provides a set of tools that can be used to navigate directories, read file contents, and write new files or modify existing ones.

Underneath the hood, it uses @modelcontextprotocol/server-filesystem.

📁 Filesystem LOCAL DEV

Browse connectors

Looking for desktop extensions? Manage them here

3

Tool permissions

Choose when Claude is allowed to use these tools

read_file

read_multiple_files

write_file

MS What folder access do you now?

4

I'll check what directories I have access to.

📋 List allowed directories   ⌄

I have access to one directory:

D:\Githup PPT

This appears to be a folder on your D: drive related to GitHub and PowerPoint files. Would you like me to explore what's inside this directory, or help you with any specific files or operations within it?

📋 👍 👎 Retry ⌄

✳

Claude can make mistakes. Please double-check responses.

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Photo Print

Name	Date modified
Ai.txt	08-11-2025 01:05 PM
Artificial Intelligence.pdf	05-10-2025 05:51 PM
Artificial Intelligence.pptx	08-11-2025 12:59 PM
Mutual Fund.pdf	04-10-2025 09:51 PM
Mutual Fund.pptx	04-10-2025 09:50 PM
Personal Finance Guide.pdf	05-10-2025 05:53 PM
Personal Finance Guide.pptx	05-10-2025 06:00 PM
Personal Finance Guide.txt	08-11-2025 01:06 PM

MS List the files?

List directory

6

Here are the files in **D:\Githup PPT**:

PDF Files:

- Artificial Intelligence.pdf
- Mutual Fund.pdf
- Personal Finance Guide.pdf

PowerPoint Files:

- Artificial Intelligence.pptx
- Mutual Fund.pptx
- Personal Finance Guide.pptx

7

MS Copy AI.txt file into another name Personal Finance Guide.txt

I'll help you copy the AI.txt file to Personal Finance Guide.txt. First, let me check if AI.txt exists in the directory.

List directory

Great! I found "Ai.txt" in the directory. Now I'll read it and create a copy with the name "Personal Finance Guide.txt".

Read file

Write file

Perfect! I've successfully copied the AI.txt file to "Personal Finance Guide.txt". The file appears to be empty (0 bytes), but the copy has been created.

Let me verify by listing the directory again:

List directory

Excellent! The file has been successfully created. You now have:

- **Ai.txt** (original file)
- **Personal Finance Guide.txt** (new copy)

Both files are now in the `D:\Githup PPT` directory.

8

EPSON Easy Photo Print ▾ Photo Print

Quick access
Downloads
Documents
Pictures
iCloud Drive
iCloud Photo
Google Cloud
K:\
Google Drive

Name
Ai.txt
Artificial Intelligence.pdf
Artificial Intelligence.pptx
Mutual Fund.pdf
Mutual Fund.pptx
Personal Finance Guide.pdf
Personal Finance Guide.pptx
Personal Finance Guide.txt

AI prompt Engineering:

Create a friends-themed snake game with background music, obstacles, power-ups, and speed boosts. Make it ready to deploy PWA (Manifest, Service worker, icons) and give me a zip with all the assets included.

ChatGPT ⌄

① Create a friends-themed snake game with background music, obstacles, power-ups, and speed boosts. Make it ready to deploy PWA (Manifest, Service worker, icons) and give me a zip with all the assets included.

Thought for 5s ›

②

Analyzing ⌄

Here's your ready-to-deploy PWA package:

③ 👉 Download **friends-snake-pwa.zip**

It includes everything — HTML, JS, CSS, icons, manifest, and service worker — ready to drop into your project or deploy on Netlify/Vercel/GitHub Pages.
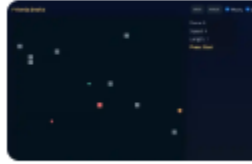
④ **https://www.netlify.com/**

https://app.netlify.com/teams/mohan4295work/projects

Import an existing project

Import from Git

⑤

friends-snake-pwa-chatgpt
Deploys from **GitHub**

Owned by **MohanDevOps**
Published at 2:29 PM (5 minutes ago)

Projects / **friends-snake-pwa** ⇳

◆ **Project overview**

Project configuration

Deploys

⑥

Preview Servers

Agent runs

Logs ⌄

Metrics ⌄

Web security

friends-snake-pwa
● friends-snake-pwa.netlify.app
Deploys from **GitHub**.
Published at 2:29 PM.

Quick setup   **Add database**

⑦

https://friends-snake-pwa-chatgpt.netlify.app/

friends-snake-pwa-chatgpt.netlify.app

Friends Snake

Start Pause ☑ Music ☑ SFX

Score: 0
Speed: 1
Length: 1
Running

Gen AI & Open Source Tools

- https://chatgpt.com/

- https://claude.ai/

- https://gemini.google.com/

- https://chat.deepseek.com/

- https://webenoid.com/

- https://www.netlify.com/

Mohan Sundaram Blogger & Links

GitLab   https://gitlab.com/mohan4295work

GitHub   https://github.com/mohan4295work

Blogger™   https://mohan4295.blogspot.com/