



## **AI Tools Usage Policy – Email Guidelines:**

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

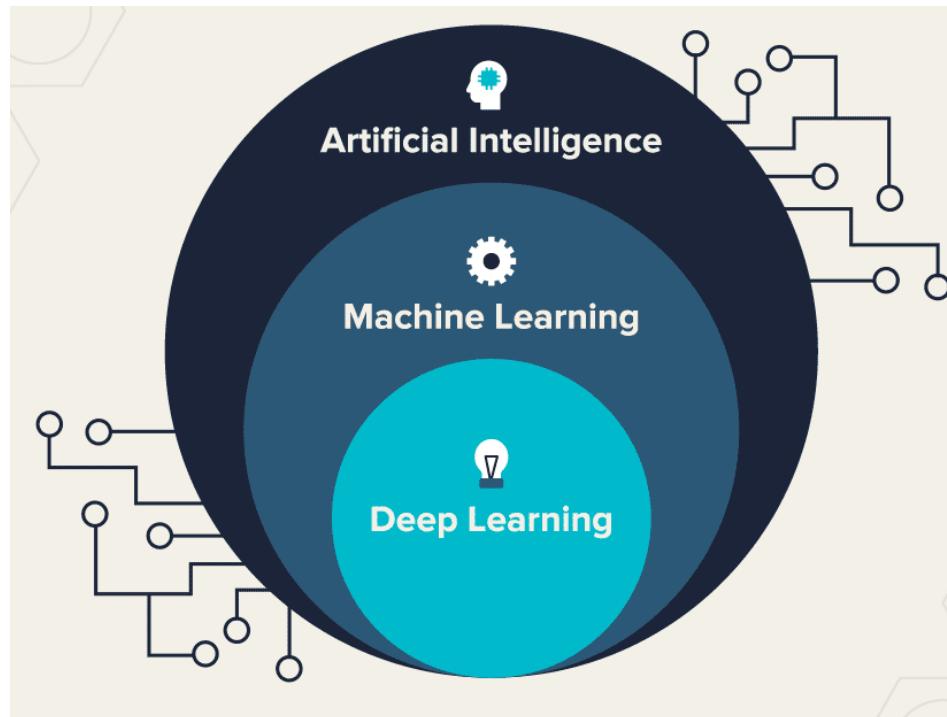
- **Do not use personal or finance-linked email IDs** when testing or evaluating AI tools.
- **Create a separate, dedicated email account** specifically for learning, testing, and development purposes.

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 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 Agent**
- **Agentic AI**

## Gen AI

Generative AI

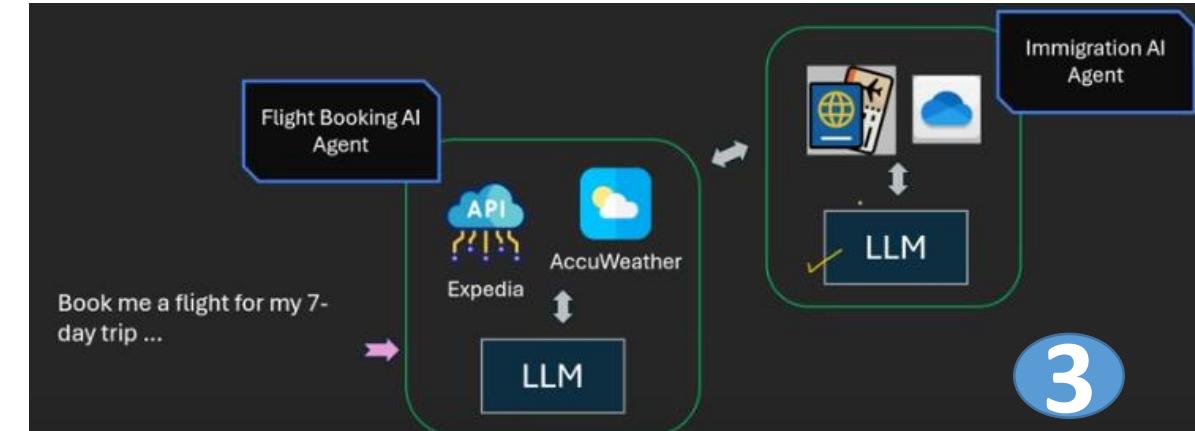
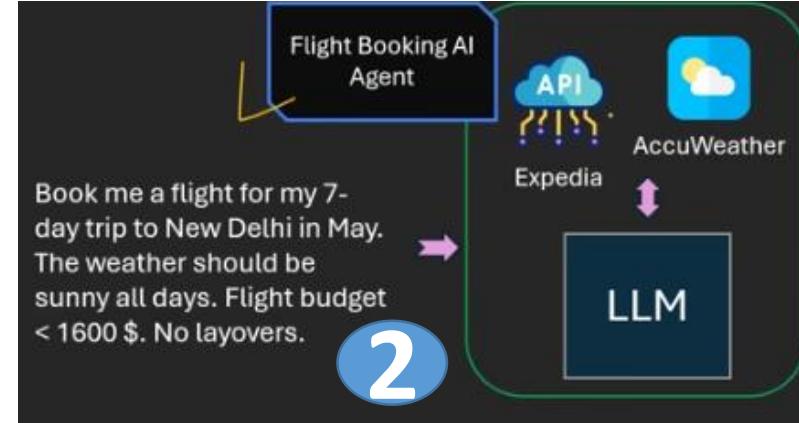
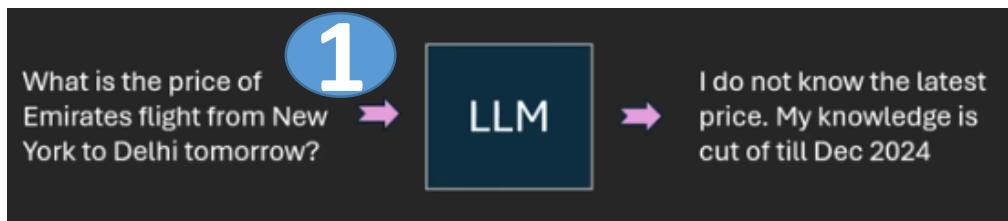
- **Text** - GPT, Claude, Gemini, LLaMA
- **Images** - Midjourney, DALL.E, Stable Diffusion
- **Audio** - ElevenLabs, Bark, MusicGen
- **Videos** - Sora, Runway, HeyGen
- **Code** - Github Copilot, Code Llama, CodeWhisperer

## 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.

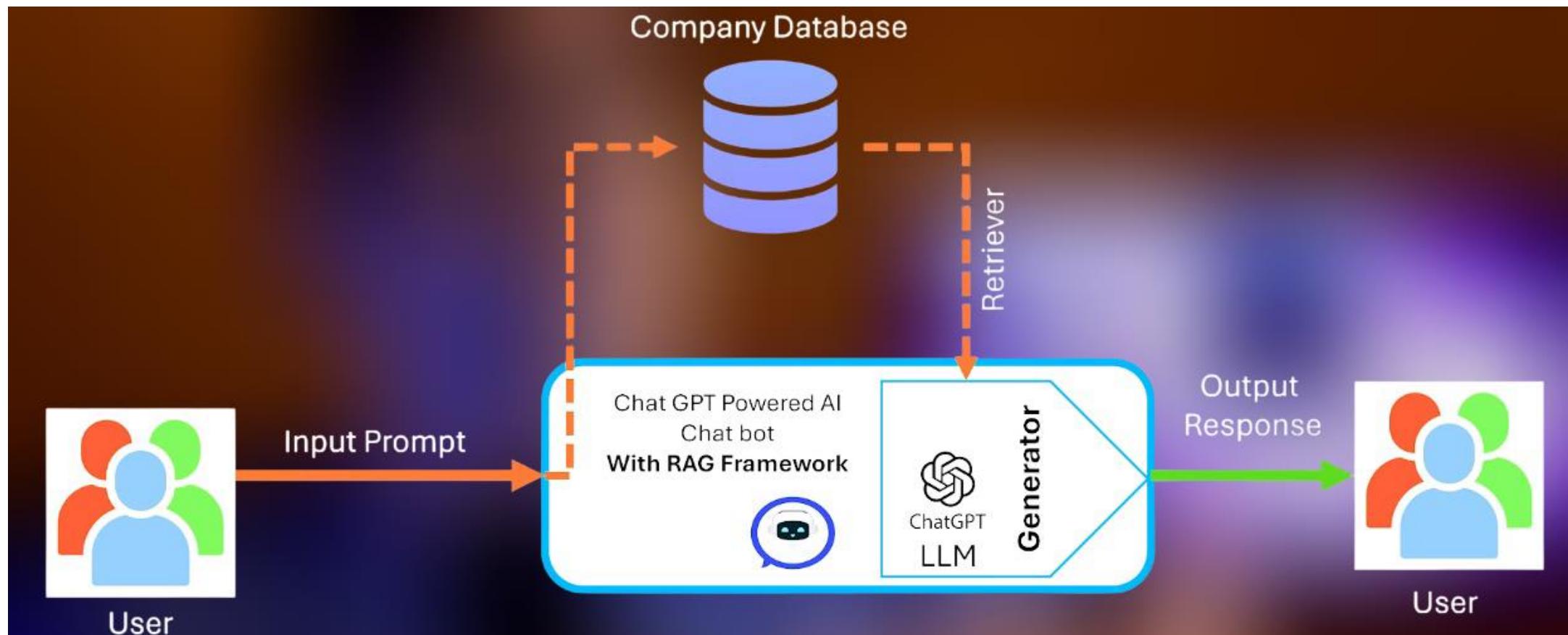


Ai System Type	Gen Ai (LLM Only)	Ai Agent	Agentic Ai
Task Capability	Answer based on pre Trained knowledge only. Like Text, images, audio and videos ChatGPT, Gemini	Task Input, Decide and Action/Completes a task using tools,Memroy,Data,api	Handle the multiple step with planning and co-ordination
Tool	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

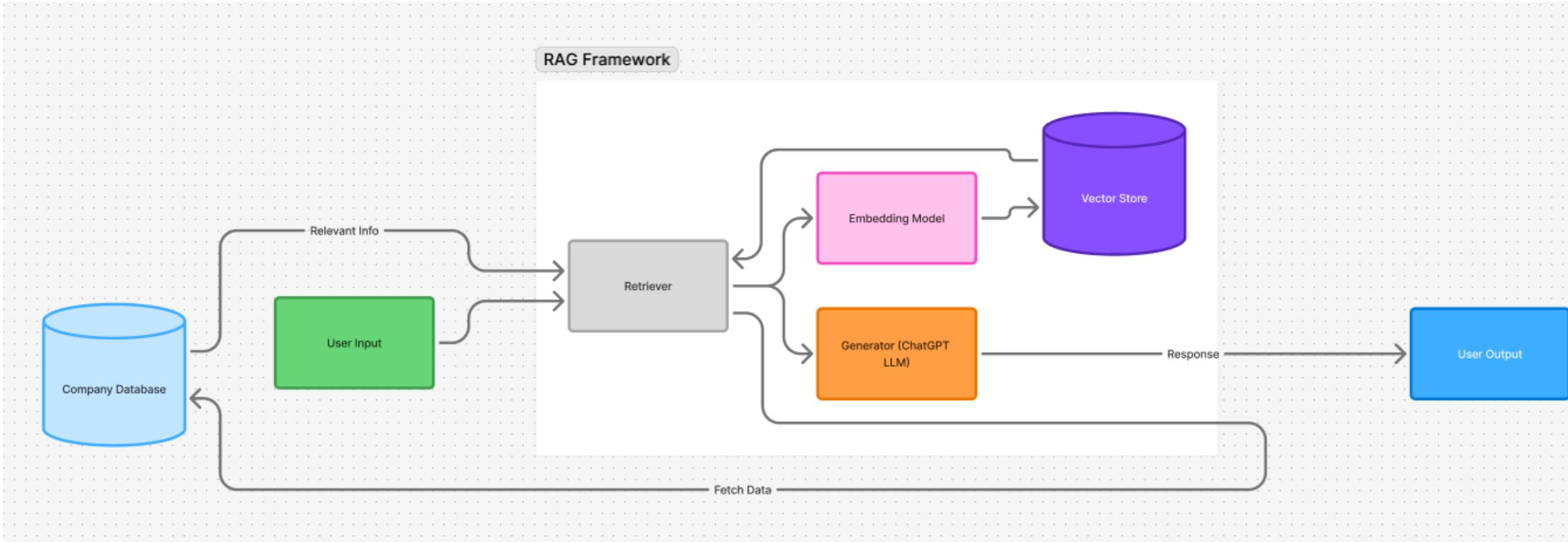


## RAG = Retrieval Augmented Generation

- 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.

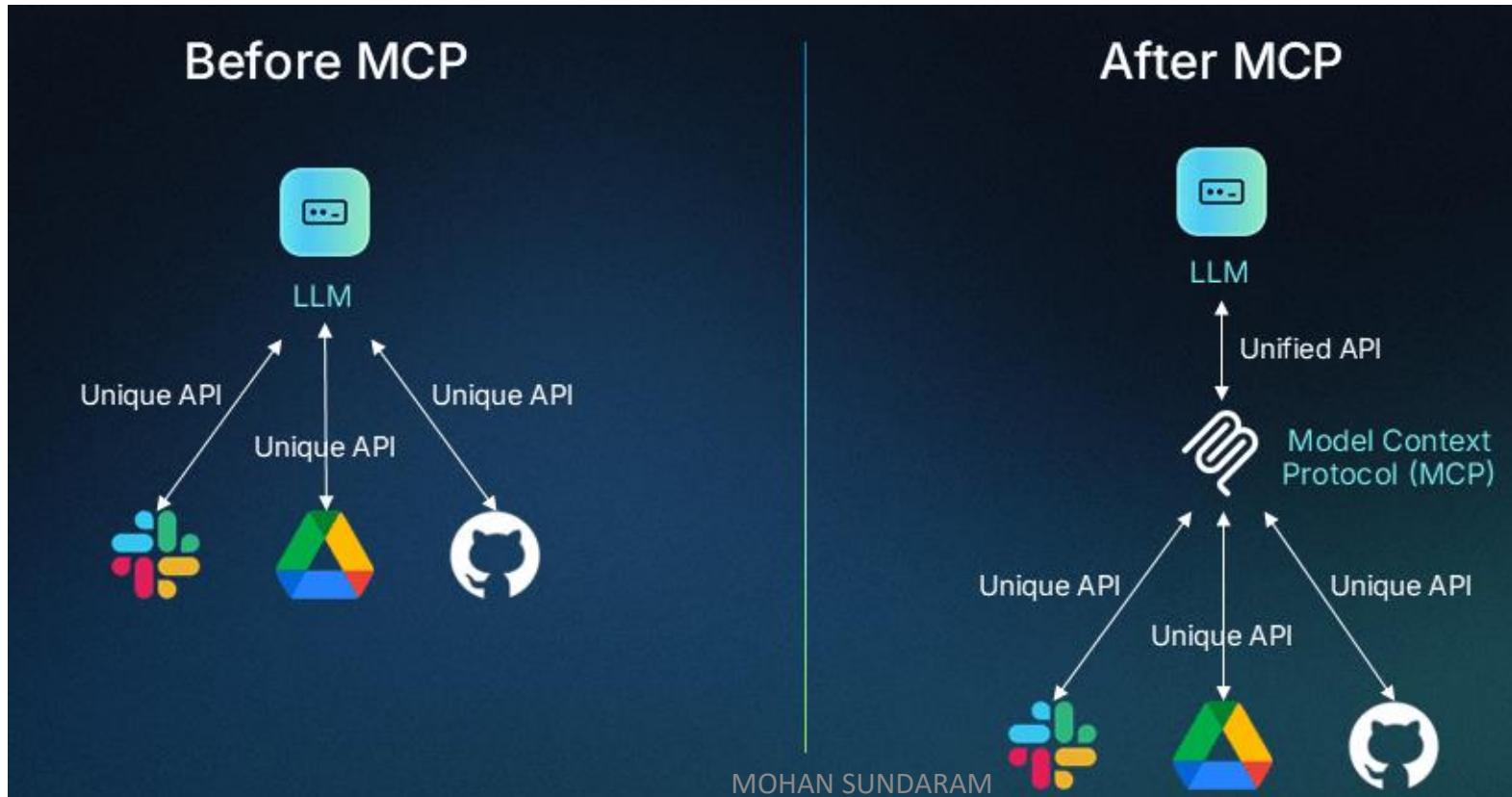


# RAG Framework:-



# MCP - Model Context Protocol

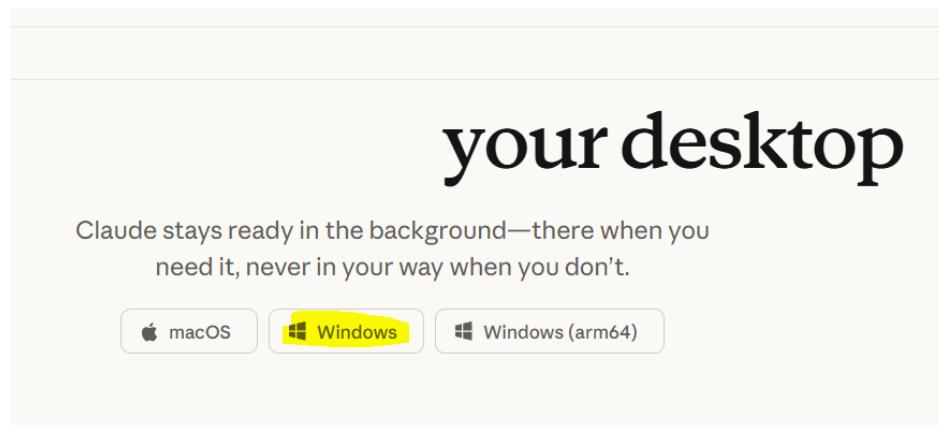
- Open-source framework that allows large language models (LLMs) to securely and standardized interact with external data sources and tools API, application,databases..etc.
- MCP input text and get the output improved text and action output.
- RAG and MCP combined integration tools more powerful.



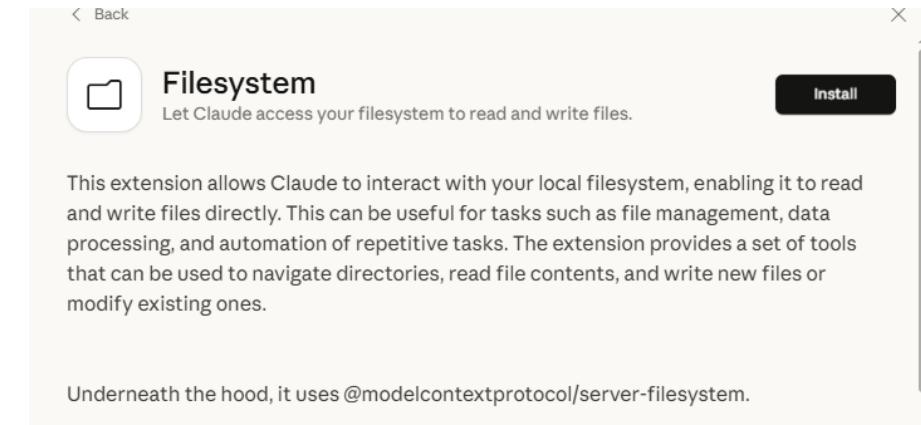
# MCP – Example

<https://www.claude.com/download>

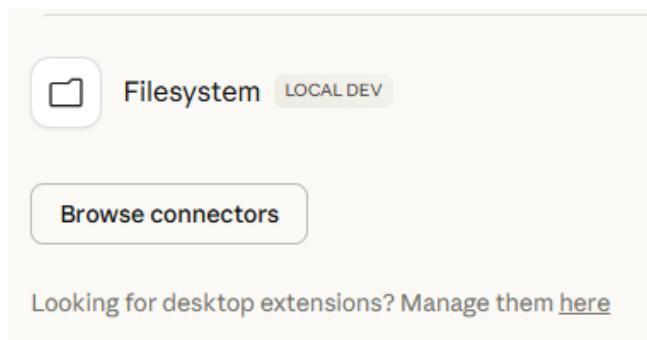
1



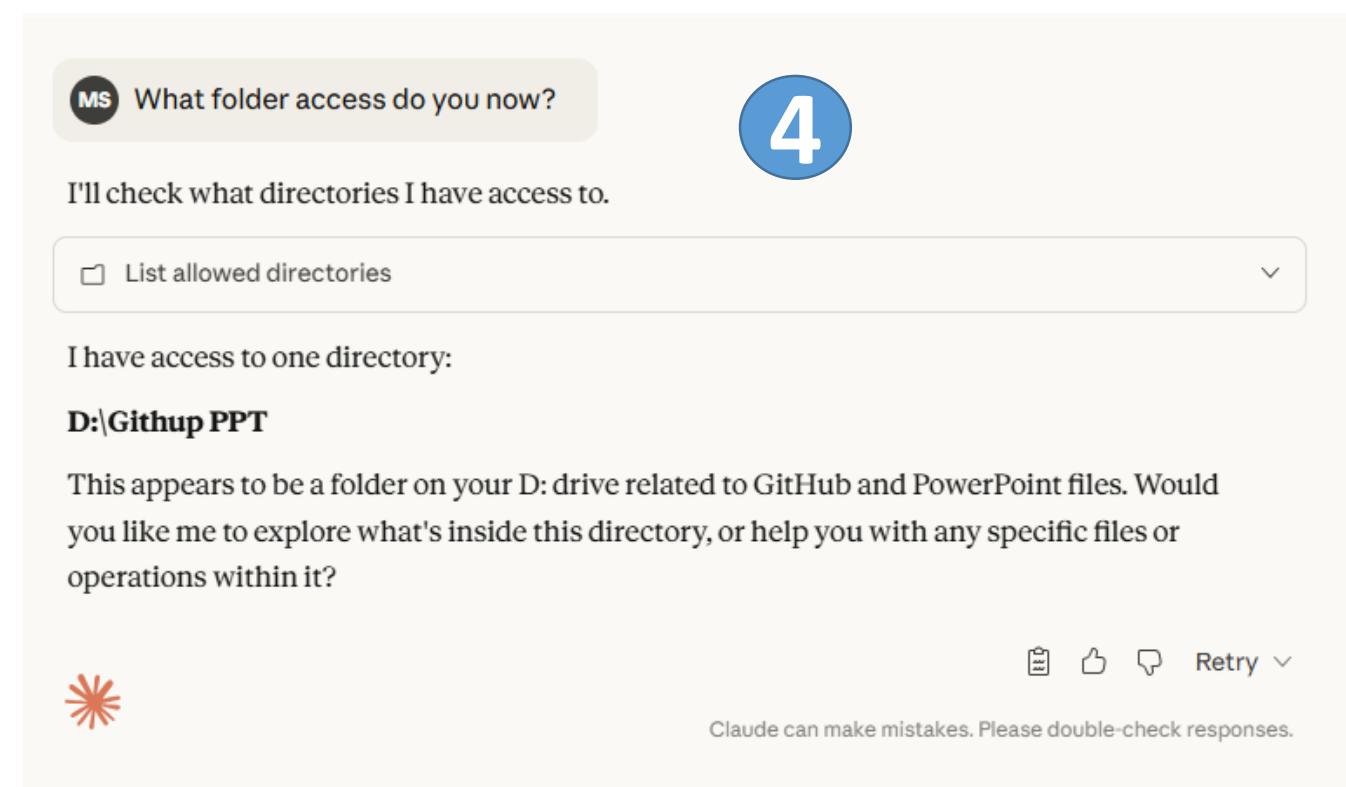
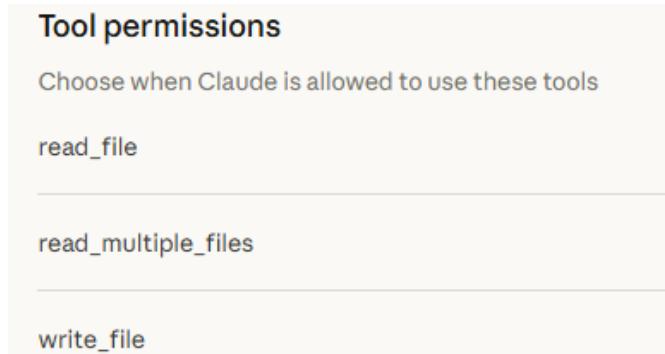
2

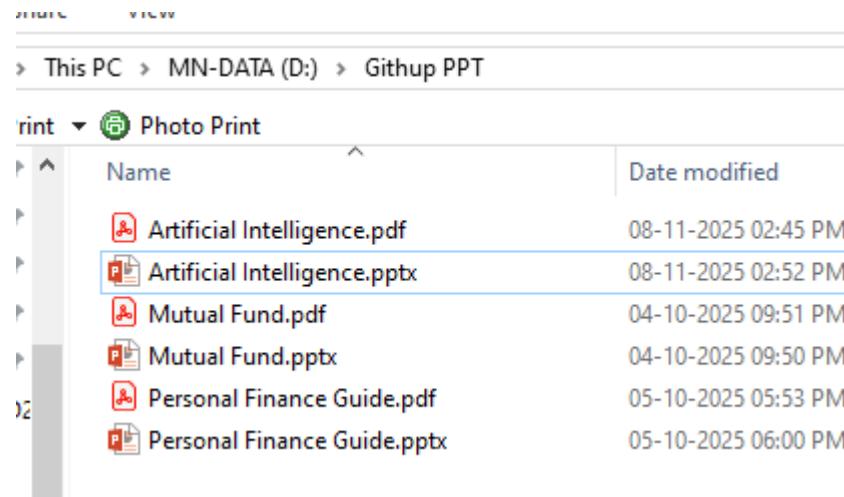


4



3





5

MS List the files?

 List directory

Here are the files in D:\Github 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

6

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

7

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:

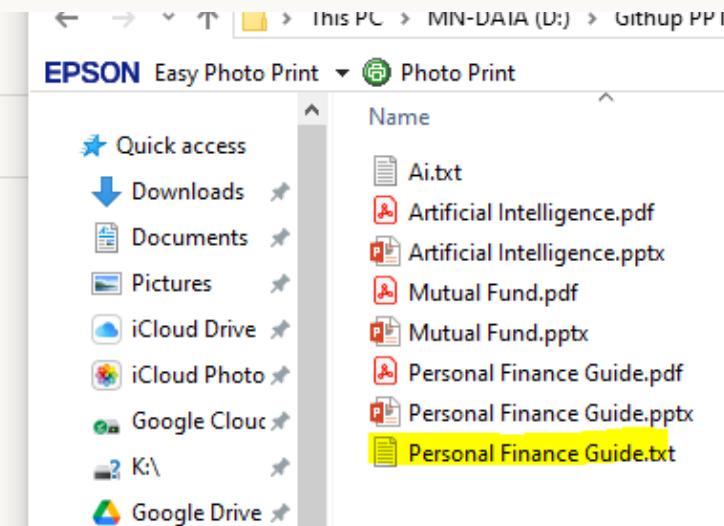
 List directory

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:\Github PPT** directory.

8



# AI Prompt Engineering:

**Example:** 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 ▾

3

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

👉 [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

Projects / friends-snake-pwa

◆ Project overview

Project configuration

Deploys

Preview Servers

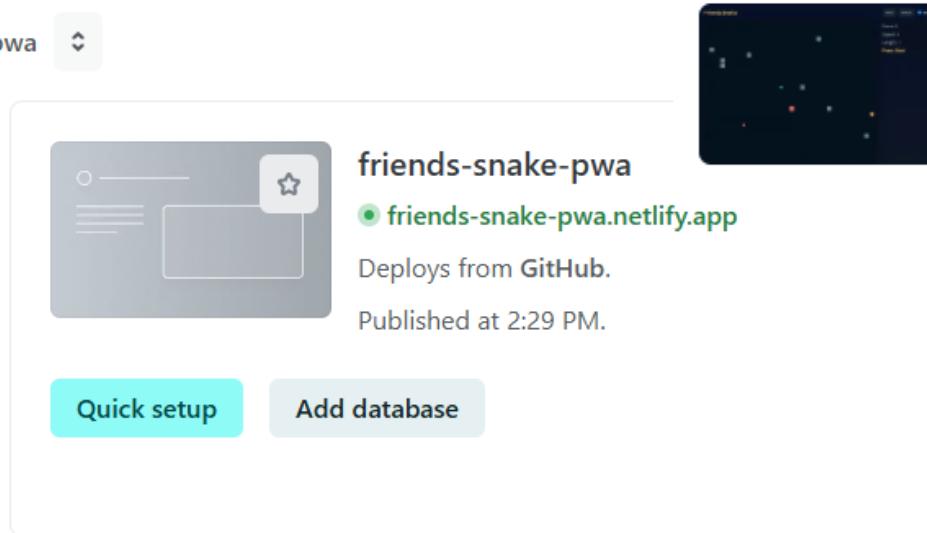
Agent runs

Logs

Metrics

Web security

6



friends-snake-pwa-chatgpt

Deploys from GitHub

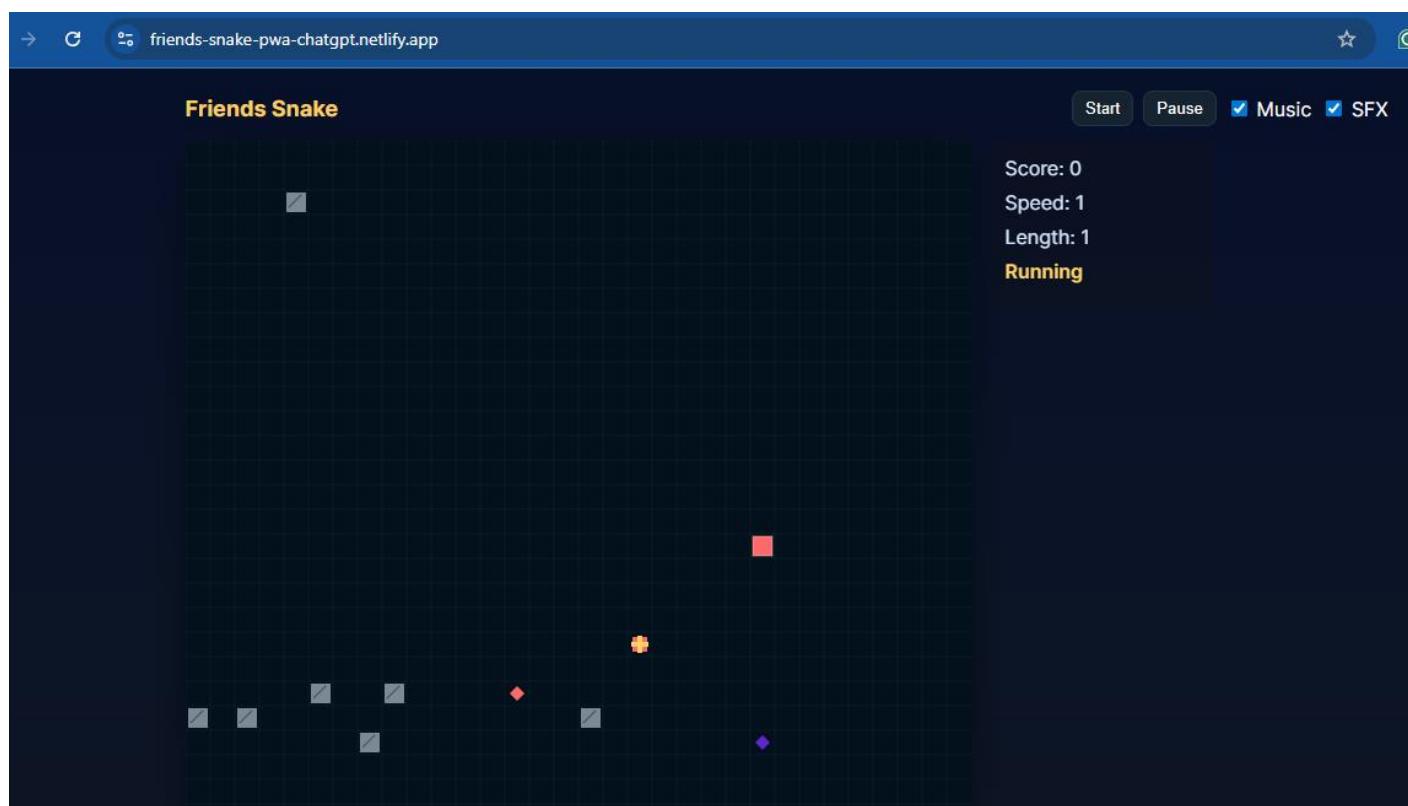
5

Owned by MohanDevOps

Published at 2:29 PM (5 minutes ago)

7

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



Documents Download → <https://github.com/mohan4295work/Doc/blob/main/Artificial%20Intelligence.pdf>

## 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



<https://gitlab.com/mohan4295work>



<https://github.com/mohan4295work>



<https://mohan4295.blogspot.com/>