Agentic AI Workflows

Agenda

- LLMs vs AI Agents
- ReAct Framework
- Memory in AI Agents
- Model Context Protocol

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Let’s begin the discussion by answering a few questions.

Agentic AI Quiz

What is the key difference between an LLM (Large Language Model) and an AI Agent?

A. LLMs can only process numbers, while Agents can process text.

B. LLMs generate outputs based on prompts, while Agents use LLMs along with memory, planning, and tools to take actions.

C. Agents are trained models, while LLMs are just databases.

D. There is no difference; LLMs and Agents are the same.

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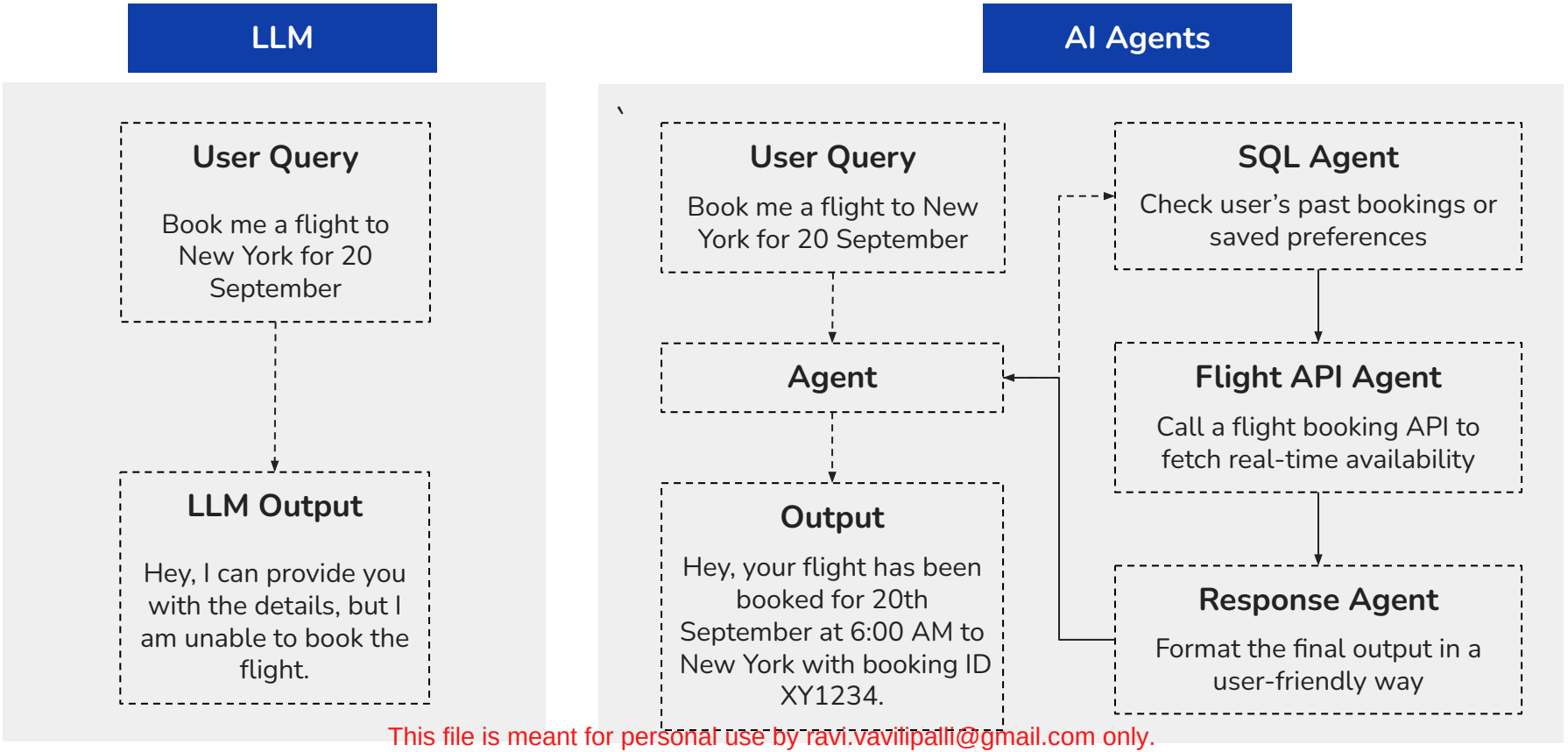
LLM vs Agents



Agentic AI Quiz

What is the key cycle followed by ReAct agents ?

A. Plan → Execute → Measure → Report

B. Reason → Act → Observe → Repeat

C. Collect → Analyze → Conclude → Execute

D. Input → Process → Output → Feedback

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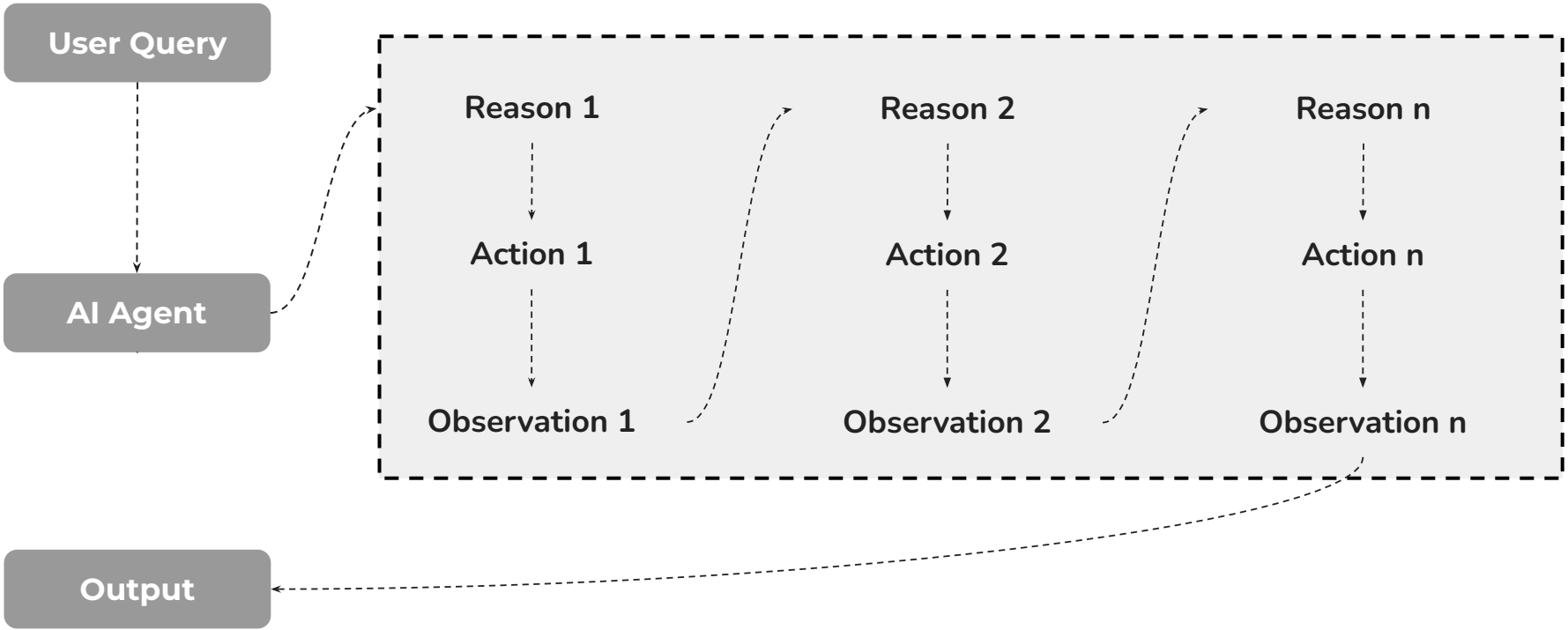
ReAct Framework in Agents



Agentic AI Quiz

What is the primary benefit of adding memory to agents?

A. Decreasing computational cost

B. Eliminating the need for data verification

C. Providing personalization and context continuity

D. Making the agent slower to respond

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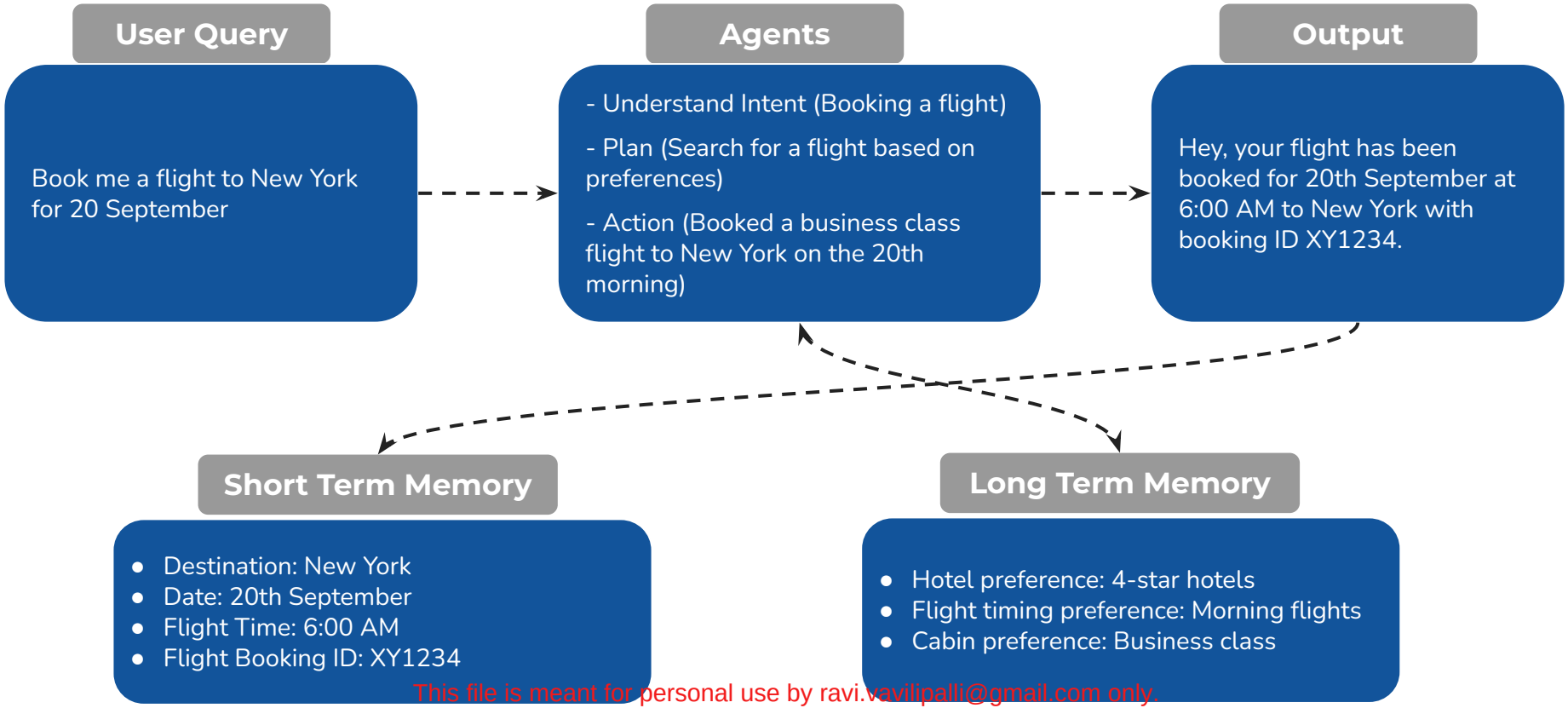
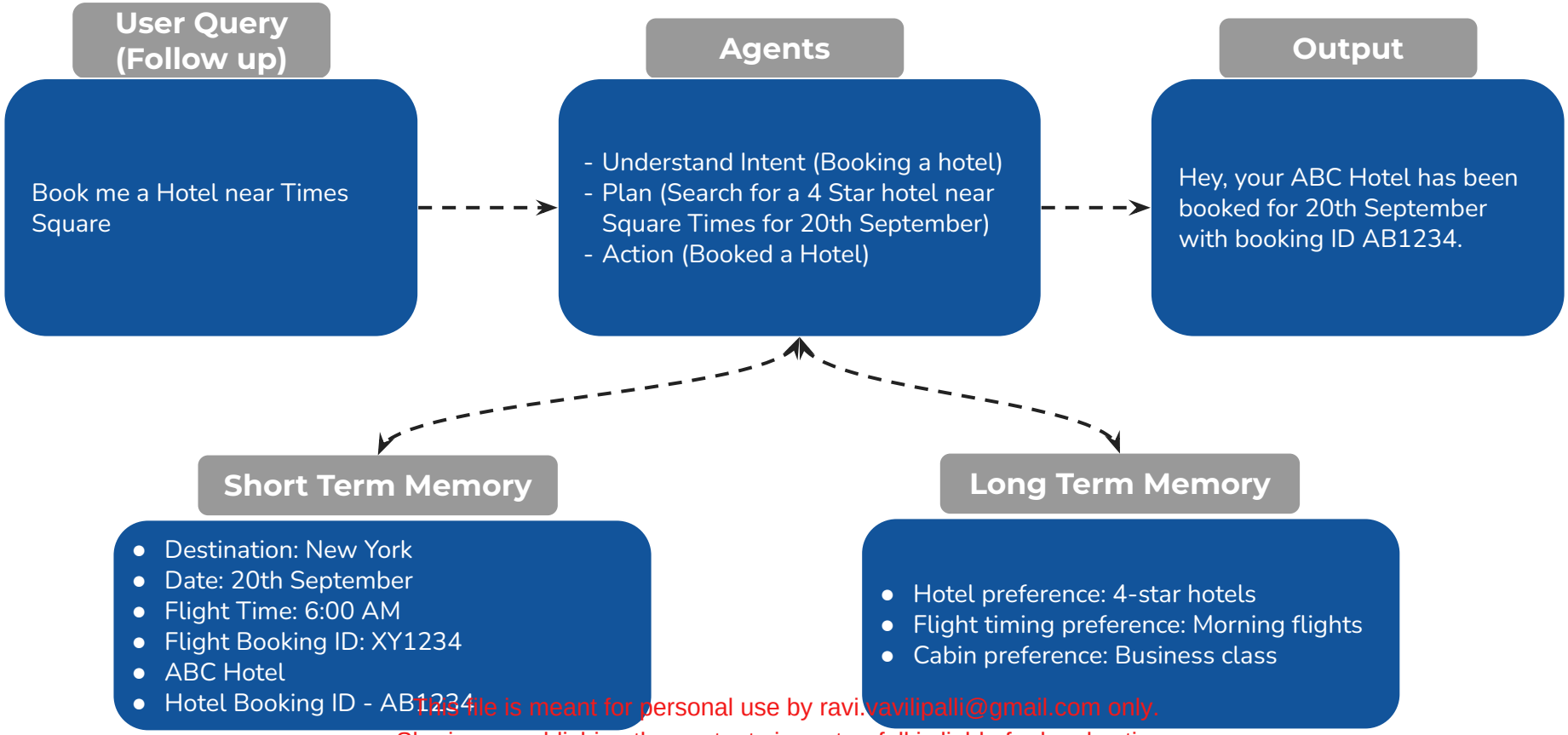


Memory in Agents



Agentic AI Quiz

What is the primary purpose of the Model Context Protocol (MCP) in Agentic AI systems?

A. To improve GPU performance during model training

B. To standardize how agents connect with external tools and data sources

C. To replace traditional machine learning models with LLMs

D. To ensure that memory in LLMs never expires

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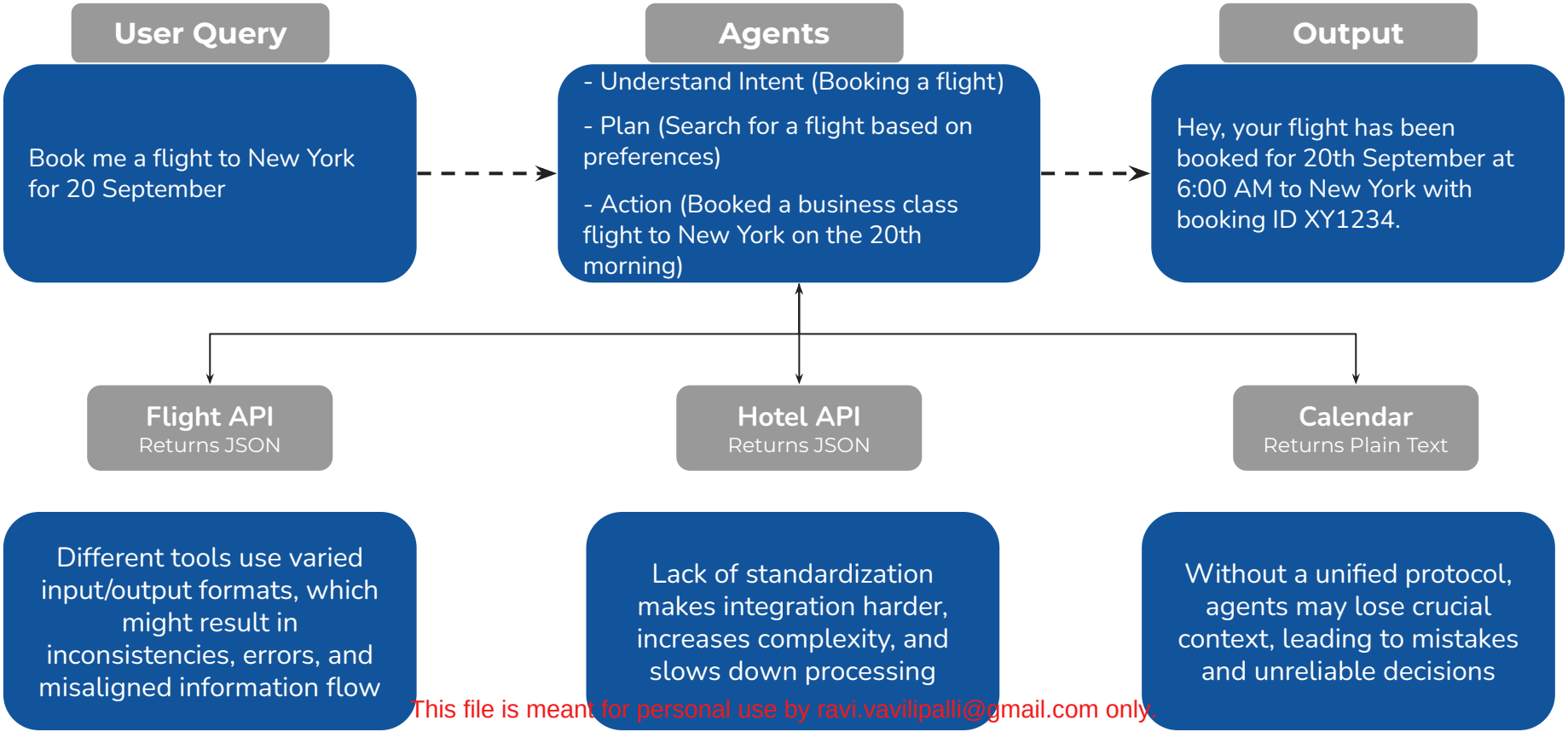
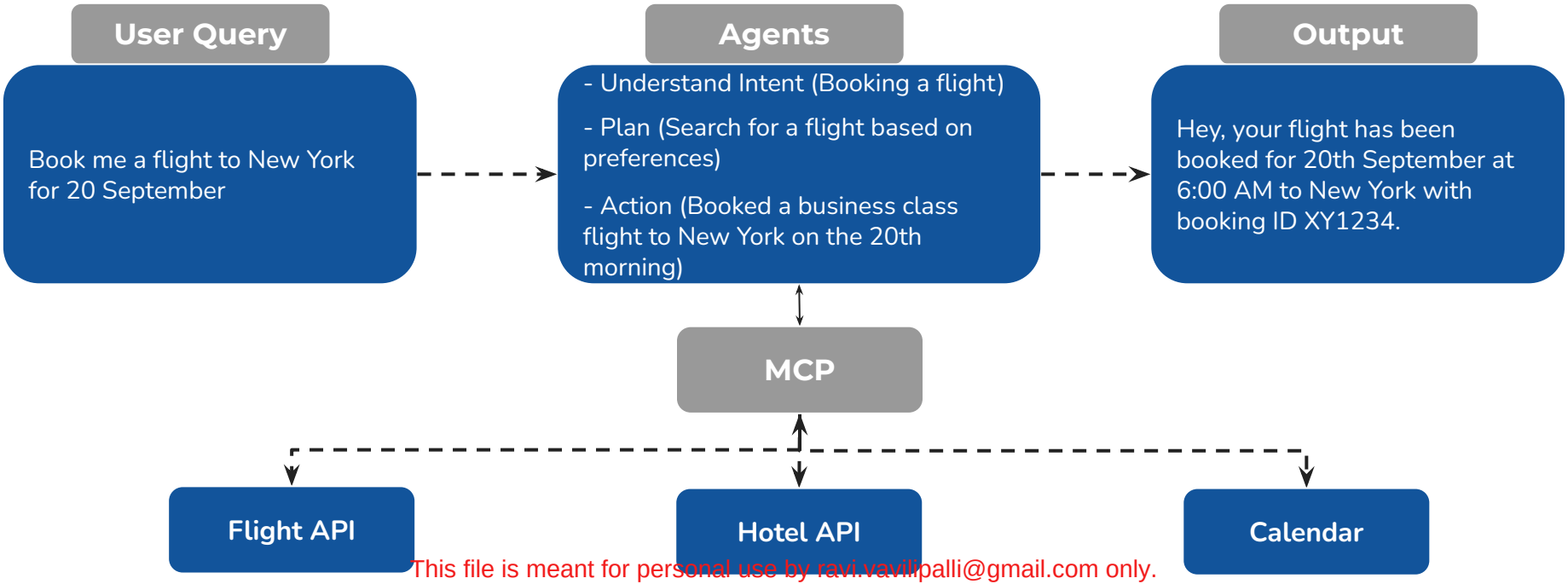
Model Context Protocol (MCP)



Model Context Protocol (MCP)

An **open standard** that solves integration and context-loss issues by **enabling AI agents to reliably discover, access, and use tools** in a **consistent, unified way** at runtime.



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