

Method	Correct
LLaMA alone	10
LLaMA + RAG	3

## RAG vs No-RAG Observations:

### 1. Accuracy and Contextual Relevance

- **RAG answers:** All 10 questions are answered accurately and concisely using the context from the documents. The answers directly reference the order details, revenue figures, conference info, etc.
- **No-RAG answers:** Most answers fail to provide the requested information. The model frequently replies with disclaimers about not having access to real-time data or context, even though the information exists in your documents.

### 2. Hallucinations

- **RAG:** All answers strictly based on context.
- **No-RAG:** Much higher hallucination risk. For example, in Q1 it gives a completely wrong name (“Mian Ghulam Muhammad”), and for revenue questions, it provides explanations or historical guesses instead of the exact numbers.

### 3. Benefit of RAG

- When **contextual documents are provided**, RAG ensures factual correctness by retrieving relevant information.
- Without RAG, the model relies solely on its pre-trained knowledge and may give outdated, incomplete, or incorrect answers.

**Conclusion:**

RAG clearly outperforms standard LLM querying for document-based Q&A. The more detailed and structured your documents are (like emails, revenue reports, and event announcements), the better RAG performs, giving accurate and concise answers while drastically reducing hallucinations.