

Case Study : Enterprise Search

Data Ingestion:

- Documents were ingested from various sources into Azure Blob Storage.

Text Extraction and Translation:

- An Azure Function was triggered to extract text from the documents.
- For PDFs or images, Azure AI Document Intelligence extracted the text.

Embedding Creation:

- Extracted text was chunked and converted into embeddings using the Azure OpenAI embedding model.

User Query and Retrieval:

- The query was converted into vector embeddings using the Azure OpenAI embedding model.
- A vector similarity search in the vector database returned the top matching content.
- The search results were presented as answers or used as grounding data for multi-turn conversations.



Accuracy:

Accuracy:

- Eliminated manual search efforts, resulting in accurate and relevant results.

Efficiency:

- Reduced search time significantly, improving overall productivity.

Insights:

- Enabled analytics on search patterns, helping identify trends and areas of interest.

