

Data & Al Innovation Day Workshop

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Workshop Environment



Al

GPT 3.5 Turbo

Text-embedding-ada-002



Data

Azure Cosmos DB for MongoDB vCore

Azure Cosmos DB for NoSQL

Azure AI Search



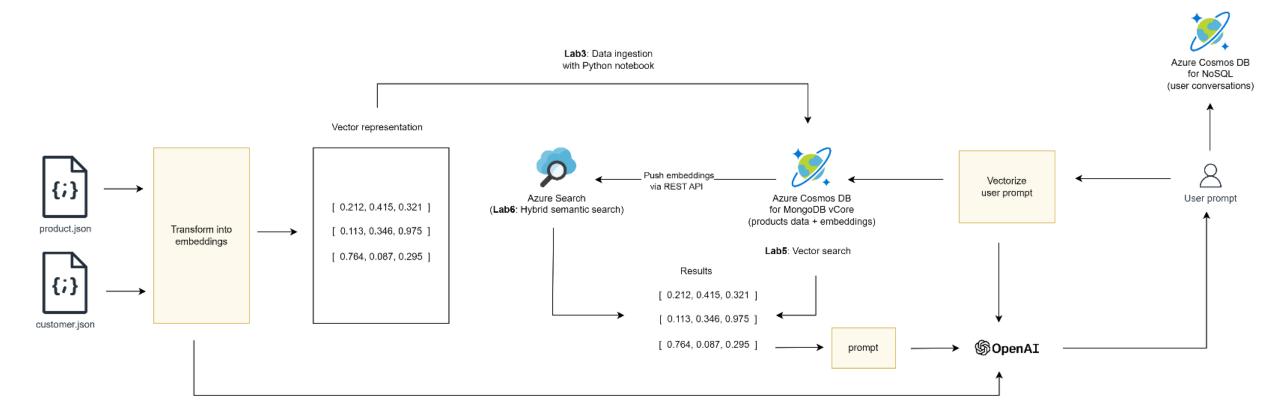
Apps

Visual Studio Code

Python

Streamlit

Labs Overview Build a RAG system



Labs

- Lab 1 Azure Cosmos DB for MongoDB vCore
- Lab 2 Azure Cosmos DB for NoSQL
- Lab 3 Data ingestion into Azure Cosmos DB for MongoDB vCore
- Lab 4 Create a web app using Azure Al Studio
- Lab 5 Create a Python chatbot
- Lab 6 Hybrid search with Azure Al Search
- Lab 7 Get statistics on the Open Al Usage

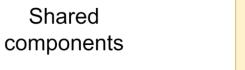
Shared Azure Subscription

Resource Group

Resource Group

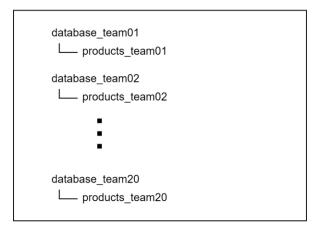
Team01

hackopenAlcosmosdb











Azure Cosmos DB for NoSQL cosmos-nosql-2024

database_team01

conversations

database_team02

conversations

database_team20

conversations

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Resource Group Team02



Resource Group Team19

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Resource Group Team20



Software pre-requisites

https://openhackstoragecosmosdb.blob.core.windows.net/software

- Visual Studio Code https://code.visualstudio.com/download
- Python 3.10.11
 https://www.python.org/downloads/release/python-31011/
- Visual C++ build tools
 https://visualstudio.microsoft.com/vs/features/cplusplus/