

5. Vector Store - Local

Task: Create a FAISS index to store embeddings locally.

Explanation:

Store embeddings efficiently for fast retrieval using FAISS (Facebook AI Similarity Search).

- **Steps:**
 1. Install and import faiss.
 2. Create an index and store embeddings.
- **Sample Code Snippet:**

python

Copy code

import faiss

import numpy as np

```
def create_faiss_index(embeddings):  
    dimension = len(embeddings[0])  
    index = faiss.IndexFlatL2(dimension)  
    index.add(np.array(embeddings))  
    return index
```