

Knowledge Base Search Challenge

1. Problem Statement

Build a Knowledge Base (KB) Search System that helps users quickly find information from a product/company knowledge base.

2. Requirements

- Tech Stack: Any tech stack with the use of AI/NLP.
- Core Features:
 1. User must first upload a file (CSV / JSON / TXT/PDF).
 2. Once uploaded, the system should allow search queries inside that file.
 3. Search should check both document titles/keys and document content.
 4. System remembers the last 5 searches from the uploaded file and shows them for quick reuse.
 5. If no result is found, system should suggest: "Check spelling", "Try related terms"
- Deployment: Any platform (web app, CLI, or console).
- Time Limit: 3 hours.

3. Basic Delivery Needs

- Working demo (UI optional, CLI acceptable).
- Code repository (GitHub/zip).
- Short presentation (5 min):
 - Show a DEMO of how Knowledge based search works
 - Challenges Faced

Note: Any usage of **AWS services or database resources** should be taken up only with prior permission.