Document Classification & Routing – Project Summary

# Objective:

To automate the classification and cloud-based storage of various business documents using AI-powered categorization. This solution minimizes manual effort and ensures documents are securely routed into the correct containers based on content.

# Key Features:

• Text content from uploaded files is automatically cleaned and normalized.

• Azure OpenAI is used to classify the documents into predefined categories such as HR, Advertising, Legal, Technical, etc.

• Based on the classification, documents are routed to their respective Azure Blob Storage containers.

• The system provides output including category, confidence level, cloud storage path, and operation status.

# Benefits:

• Reduces manual document sorting and routing.

• Ensures centralized and organized cloud storage.

• Easily extendable to support additional file types and categories.

• Can be integrated with a front-end interface or scheduled batch processing.

# Current Status:

• End-to-end pipeline is functioning and tested successfully.

• Documents are being classified correctly and uploaded to their corresponding blob containers.

A screenshot of a computer

AI-generated content may be incorrect.

Incoming documents:  
  
A screenshot of a computer

AI-generated content may be incorrect.

Sorted:  
  
A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

