Gen Al based Email Classifier - Demo

Requirements:

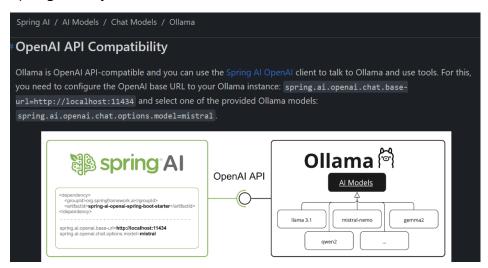
- 1. Read the emails from shared folder (as smtp setup is cumbersome for hackathon)
- 2. Extract the subject, content/body, attachments if any
- 3. Classify the email by its request and sub request types
- 4. Extract the key attributes which will help to identify which support request to be raised
- 5. Use open source tools

Solution:

- There are multiple AI LLMs are available, though the expectation is to use the open source, OLLAMA will fit into the requirement as:
 - It can be setup locally or our own hosted servers
 - Identify the model and enhance them as a customized ones
 - Very well documented with Spring AI

Technology: Spring Al

Spring AI very well works with Ollama.



How to Run:

- 1. Setup the Ollama locally
 - a. Download the windows installer and install it
 - b. Pull and push the models
- 2. Keep the email (.eml) files in the shared path
- 3. Run the Gied-Hack-Then-N-Now application
 - a. Call the api http://localhost:8080/api/email/process
- 4. Get the results as below: