AI Skill-Up Assignment – ALAN

(E-Commerce RAG – App, Evaluation & UX)

ASSIGNMENT A: RAG Web App

• Build Streamlit/Flask UI.

• Support two modes: Doc QA & SQL RAG.

• Display retrieved chunks & SQL.

• Add feedback widget (■/■ + comments).

• Save logs to rag_logs.csv.

ASSIGNMENT B: RAG Quality Dashboard

• Analyze logs for accuracy, mode breakdown, user feedback.

• Identify top 10 problematic queries.

• Suggest 3 improvements.

Deliverables:

app.py / app_flask.py

rag_logs.csv

rag_analytics_alan.ipynb

rag_improvement_plan_alan.md