# Test Task – AI Automation Engineer

## ■ Objective

Design and prototype an automation workflow that helps a beauty eCommerce brand recover abandoned checkouts using AI-generated, personalized messages.

## ■ Context (Hypothetical)

Imagine a Shopify-based beauty brand wants to improve its abandoned checkout process. Instead of sending standard reminders, the brand wants to use AI to act like a helpful beauty expert, crafting warm, thoughtful follow-up messages tailored to each customer.

These messages should feel personal, expert, and non-pushy — like a real beauty advisor reaching out.

After the message is created, it should be:
- Evaluated for its persuasive quality (using AI)
- Sent to Klaviyo to trigger a custom follow-up campaign

## ■ Your Mission

Build an automation that powers this experience from end to end. You can use n8n or another automation tool you're comfortable with.

The flow must:
- Be triggered when a checkout is abandoned
- Fetch abandoned cart content from Shopify
- Fetch the corresponding customer profile and purchase history from Shopify
- Use this information to generate a personalized message using AI
- Evaluate how persuasive the message is (also using AI)
- Send the final message and its persuasion score to Klaviyo via a custom event

You are free to structure the flow as you see fit and make reasonable assumptions where needed.

## ■ What to Submit

- A brief write-up or Loom video explaining your approach and reasoning
- Either:
- A working automation export (e.g., n8n JSON)
- Or clear mockups/logic diagrams of your proposed flow
- Any extra ideas or refinements you would suggest for a production-ready version