AI AUTOMATION
PROJECT EXPERIENCE REPORT

Supporting document for an AI Automation track application

Applicant	Maida Lakhani
Project	AI-Assisted Email Automation Workflow
Project status	Partially completed / under development
Tools	n8n, Ollama, Qwen3:4b, Gmail integration, CrewAI (separate agent project)

Purpose and document type
This is a self-prepared summary of practical project work. It is not a training certificate, accredited qualification, or third-party endorsement.

1. Project overview

This project explores an email automation workflow in n8n, connecting an email trigger to an AI model step and a reply step. The aim is to reduce repetitive email handling by using an AI model to help generate a response. The workflow remains in progress and should be evaluated against the screenshots and tests attached.

2. Tools and technologies

n8n: visual workflow automation and node orchestration.
Ollama: local runtime for running an AI model on a computer.
Qwen3:4b: local model used during testing.
Gmail integration: used in the planned email trigger/reply workflow.
CrewAI: shown in a separate multi-agent coding assistant project screenshot; it is included as additional project evidence, not as part of the Gmail workflow.

3. Work completed so far

• Installed and opened n8n locally.
• Installed and tested the Qwen3:4b model through Ollama.
• Connected the local model to n8n sufficiently to receive an AI-generated response during testing.
• Configured the Gmail connection for the planned email workflow.
• Built an initial Gmail Trigger → Message a model → Reply to a message workflow.
• Developed a separate CrewAI-based Python coding assistant workflow, as shown in the supplied screenshot.

4. Current status and limitations

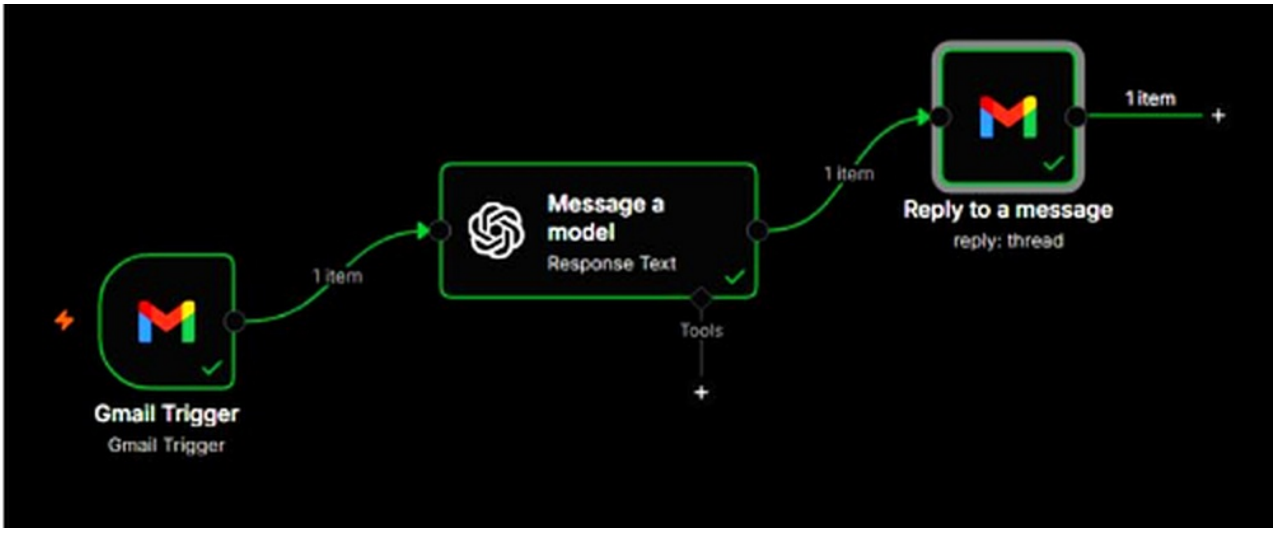
The email automation project is partially completed. The supplied workflow screenshot shows the Gmail Trigger, model step, and reply step connected, but this report does not claim the full end-to-end system is production-ready or reliably processing all incoming emails. The separate CrewAI screenshot shows a multi-agent workflow; its full reliability and deployment status have not been independently verified.

PROJECT EVIDENCE

The following screenshots were supplied by the applicant and lightly enhanced for readability. Their contents have not been independently verified.

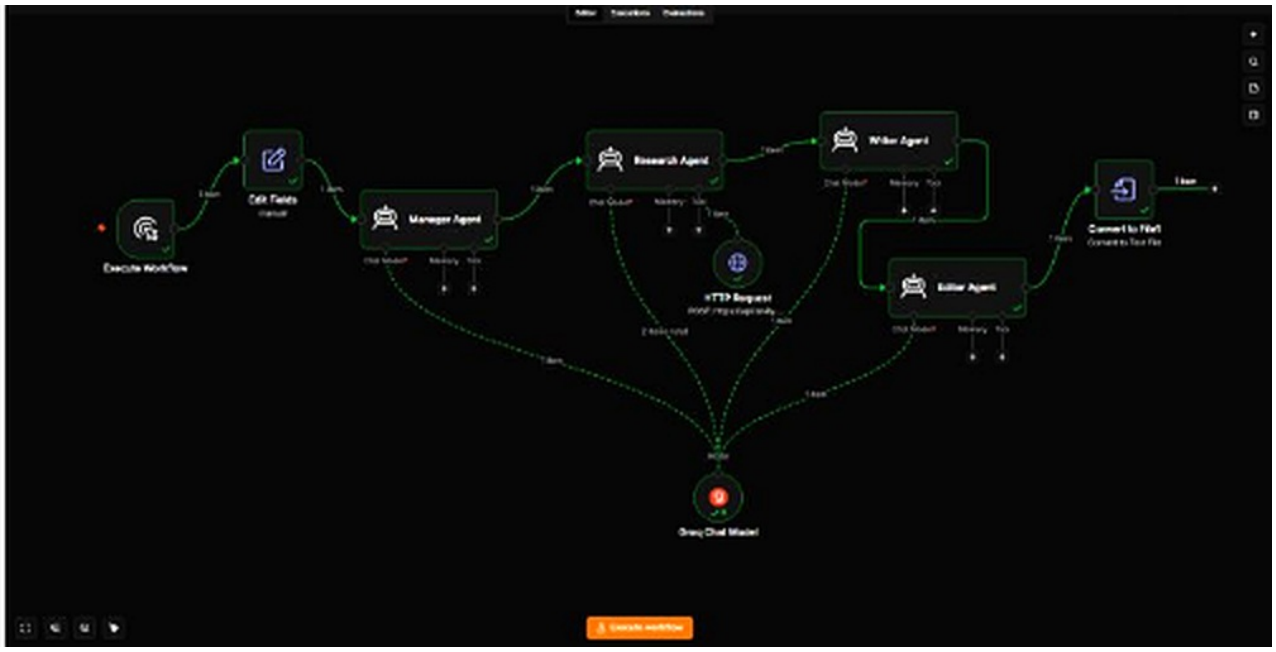
Evidence 1 — n8n Gmail and AI model workflow

Shows the current email workflow layout with a Gmail Trigger, model response step, and reply-to-message step.



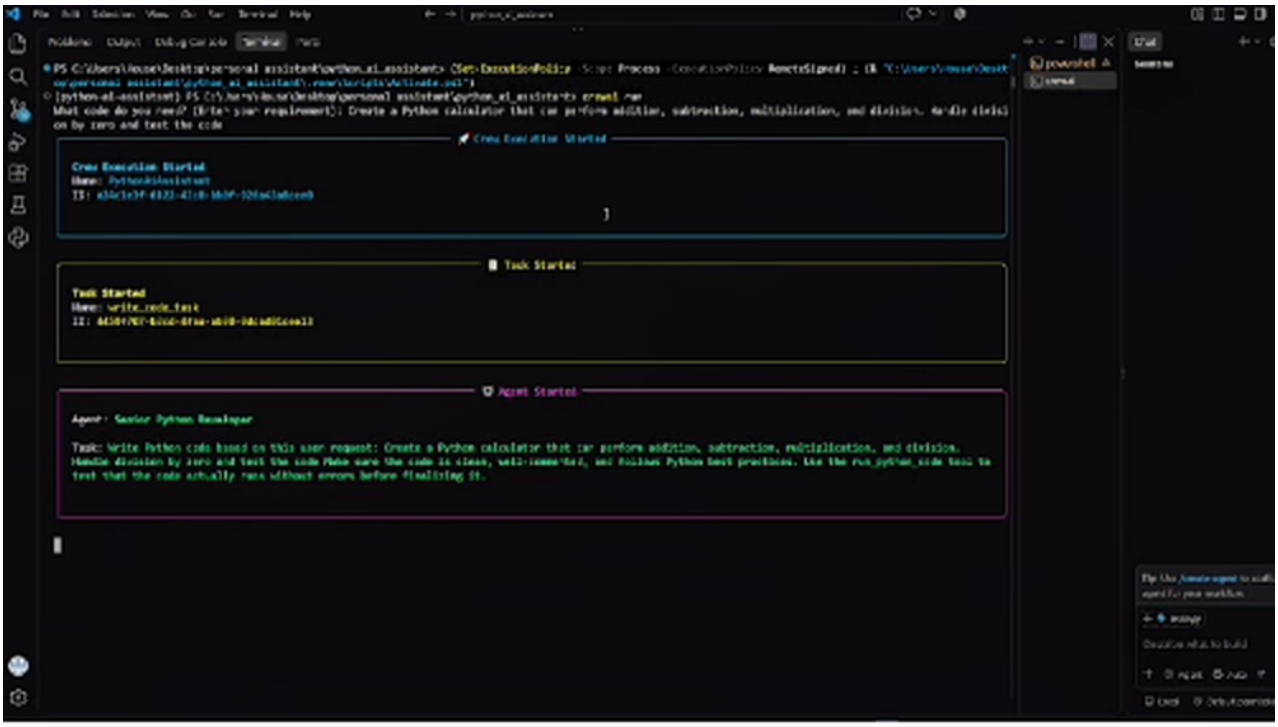
Evidence 2 — separate CrewAI multi-agent workflow

Shows a separate agent-based workflow with multiple agents and a model connection. It is included as related AI project evidence, not as proof that the Gmail workflow is complete.



Evidence 3 — Python AI assistant execution output

Shows a terminal/editor screenshot of a CrewAI Python coding assistant run. The visible output indicates that a crew execution completed and displays agent/task output; it is separate from the email automation workflow.



5. Planned next steps

1. Test the Gmail trigger with a controlled test email.
2. Confirm the AI-generated response is relevant and correctly mapped into the reply step.
3. Add a human review/approval step before sending automated replies, if appropriate.
4. Run repeatable tests and document errors or limitations.
5. Update this report only after new functionality has been verified.

6. Applicant statement

I confirm that this report is intended to describe my project work accurately. The projects shown are in progress or experimental, and the screenshots are supplied as evidence of the current state. This document is self-prepared and is not issued by a training provider.

Applicant: Maida Lakhani

Date: 22 October 2026

Submission note: Before uploading, check whether the application accepts a project-experience report. If it requires a formal training certificate, contact the organizer and ask whether project screenshots and this report can be accepted instead.