# Order Update Email Automation with n8n + OpenAI + Airtable + Gmail

## Overview

This workflow automates **order update notifications** using AI-generated emails. When a new order record is added in Airtable, n8n triggers OpenAI to draft a structured summary email, which is then automatically sent to internal teams through Gmail.

## Workflow Logic

1. **Trigger** – Activated when a new record is created in Airtable.
2. **AI Processing** – The record details (Order Number, Customer, Product, Quantity, Price, Date, Status) are passed to OpenAI. The model generates both an **Email Subject** and **Email Content** based on the order details.
3. **Email Delivery** – Gmail sends the generated email to the relevant recipients, ensuring consistent and timely communication.

## Prompt Used

You are responsible for customer orders.
Your task is to collect incoming information about new orders and create a clear summary that will be sent via email to the team.
The email should be signed with "Customer Success Team."
Please provide the following output parameters:
Email_subject
Email_content

## Use Cases

- E-commerce or retail teams automating internal order alerts.
- Operations and logistics teams tracking fulfillment status.
- Customer success teams sending standardized order updates without manual effort.

## Setup Summary

- Tools: **n8n**, **OpenAI API**, **Airtable**, **Gmail API**
- Authentication: API keys configured for Airtable, OpenAI, and Gmail in n8n.
- Trigger Source: Airtable record creation event.

## Outcome

Each time a new order is logged in Airtable, an email is automatically drafted and sent. This ensures **faster coordination**, **fewer manual updates**, and **consistent communication** across teams.