



n8n

**Integration
With**

First hand on

Article Analyzer and Email Sender

The Article Analyzer and Email Sender is an automation built with n8n that integrates Gemini 2.5 Flash with Google Sheets and Gmail. Its purpose is to automatically fetch and analyze English-language articles, use the LLM to generate the top 5 summarized topics translated to Spanish, and then dispatch these insights via email to a recipient list defined in the spreadsheet

1. Context and Overview

The Article Analyzer and Email Sender is a scheduled automation tool built on



n8n

that integrates



Google Sheets



HTML Extraction



Gemini

2.5 Flash,



Gmail

,





Google AI Studio

and



Google Cloud

Its purpose is to automatically fetch and analyze  English-language articles, use the LLM to generate the top 5 summarized topics translated into  Spanish, and then dispatch these insights via email to a recipient list defined in the spreadsheet, showcasing hands-free content curation.

2. Inside Google Cloud and starting n8n

First Create a New Project



New project



Welcome

You're working in Startn8n

API

APIs & Services



+ Enable APIs and services



Gmail API

Google Enterprise API

With the Gmail API, you can

Enable



Google Sheets API

Google Enterprise API

With the Google Sheets API, you can create and modify spreadsheets dat



Google Drive API

The Google Drive API allows cli

By Google Enterprise API

Next

OAuth consent screen

Get started

2

Audience



External

1

App Information

App name *

Startn8n

The name of the app asking for consent



Contact Information

4

Finish



I agree to the [Google API Services: User Data Policy](#)

Create

Next



Audience

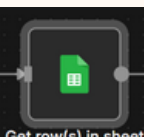
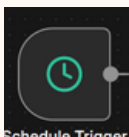
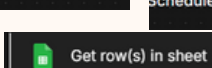
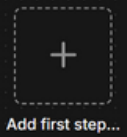
Publish app

Next



Create workflow

Article Analyzer and Email Sender



Create new credential



Sign in with Google

* This allow to connect with Google tools

Operation

Get Row(s)

Document

From list

Sheet Starn8n

Sheet

From list

Sheet1

Fixed Expression

3.

Setup: HTTP & HTML Parsing

New Node



HTTP Request
Makes an HTTP request and returns the response data

INPUT

Article LINK

URL ?

This new not allow to get the http links of each article from the sheets

fx

```
{{ $json['Article LINK'] }}
```

Execute step

OUTPUT

Schema Table JSON

2 items

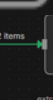
data

```
<!DOCTYPE html><html lang="en"><head><meta charset="utf-8"><meta name="viewport" content="width=device-width, initial-scale=1"><title>Introducing
```

HTML



2 items



extractHTMLContent

Extract HTML Content

Key

txt_key

CSS Selector

p

* paragraph

HTML allow to translate JSON to text

Return Array ON to convert all JSON

Execute step

Return Array



OUTPUT

Schema Table JSON

2 items

txt_key

Today at Microsoft Ignite, we're showcasing the next step in our evolution: Stack Overflow for Teams is now Stack Internal. It's the next phase of our enterprise knowledge platform, reimagined for the AI era.

Ryan is joined by Kayvon Beykpour, CEO and founder of Microscope, to dive into AI-powered code review's potential for managing large codebases, the need for humans-in-the-loop for reviewing PRs so AI tools can efficiently and effectively debug, and how AI can increase visibility through summarization at the abstract syntax tree level and high signal-to-noise ratio code reviews.

Creating an API Key from Gemini



Google Gemini

TEXT ACTIONS

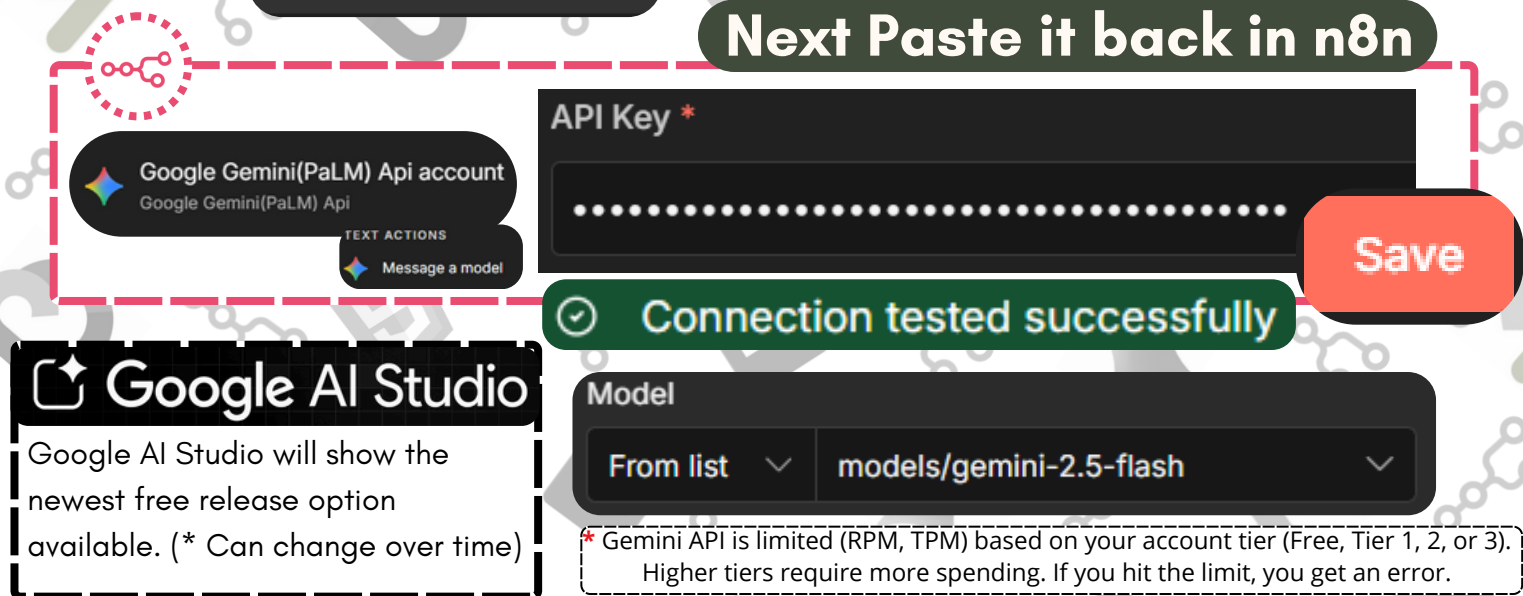


Message a model

+ Create new credential

get the API Key in Google AI Studio

4. Creating an API Key from Gemini

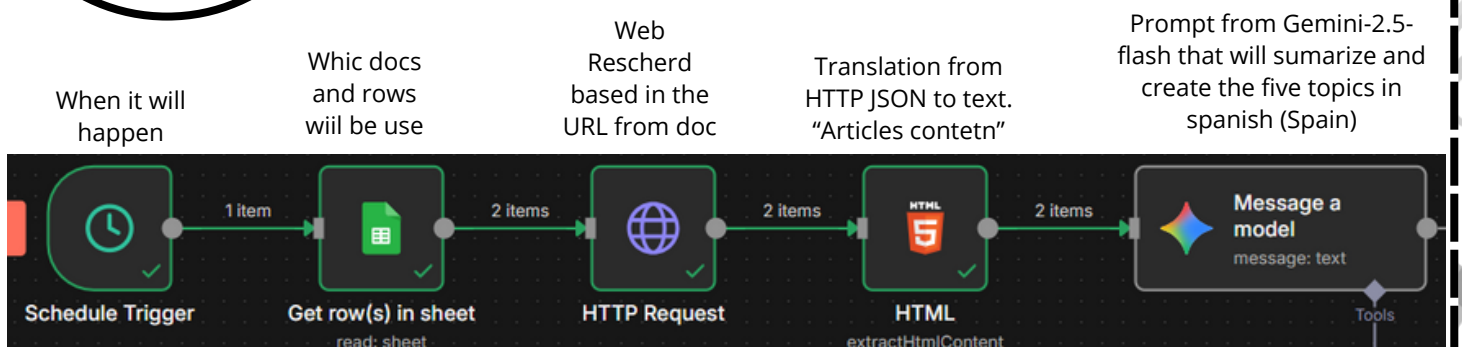


This automation process is for creation and testing. The free limit will not be enough for long-term use



Whats going on?

The project analyzes up to five topics per article and delivers the insights in Spanish (Spain)



5.

Gemini Prompt Setup



The project uses a prompt to summarize the main and most relevant factors of the base articles into five key topics. The articles are summarized in the variable `{{ $json["txt_key"] }}` from HTLM

Prompt

Tu tarea es analizar el texto proporcionado y generar un resumen claro, preciso y estructurado en exactamente 5 puntos.

REQUISITOS OBLIGATORIOS:

1. El resumen debe estar SIEMPRE escrito en español (España), independientemente del idioma del texto original.
2. Debes generar exactamente 5 puntos, numerados del 1 al 5.
3. Cada punto debe ser breve pero informativo.
4. No añadas conclusiones adicionales, notas, explicaciones ni advertencias.
5. No traduzcas el texto completo, solo resume su contenido.

Formato de salida:

1. ...
2. ...
3. ...
4. ...
5. ...

Texto para analizar:

`{{ $json["txt_key"] }}`

Your task is to analyze the provided text and generate a clear, precise, and structured summary in exactly 5 points.

MANDATORY REQUIREMENTS:

1. The summary must ALWAYS be written in Spanish (Spain), regardless of the language of the original text.
2. You must generate exactly 5 points, numbered from 1 to 5.
3. Each point must be brief but informative.
4. Do not add additional conclusions, notes, explanations, or warnings.
5. Do not translate the entire text; only summarize its content.

Output format:

1. ...
2. ...
3. ...
4. ...
5. ...

Text to analyze:

`{{ $json["txt_key"] }}`

Prompt in n8n

Prompt

Fixed Expression

Tu tarea es analizar el texto proporcionado y generar un resumen claro, preciso y estructurado en exactamente 5 puntos.

REQUISITOS OBLIGATORIOS:

1. El resumen debe estar SIEMPRE escrito en español (España), independientemente del idioma del texto original.

Result

Item 0

Tu tarea es analizar el texto proporcionado y generar un resumen claro, preciso y estructurado en exactamente 5 puntos.

REQUISITOS OBLIGATORIOS:



1. El resumen debe estar SIEMPRE escrito en español (España). independientemente

Tip: Anything inside `{{ }}` is JavaScript. [Learn more](#)

6.

Implementing the Email Dispatch Step

Prompt Response in n8n

OUTPUT   Schema

2 items

content

parts

0

text : 1. Stack Internal, antes Stack Overflow for Teams, es una plataforma de conocimiento empresarial segura y rediseñada para la era de la IA, que centraliza la experiencia verificada para acelerar el desarrollo y garantizar el cumplimiento.\n 2. La plataforma integra la colaboración humana y la inteligencia artificial para automatizar la curación del conocimiento, reducir la carga cognitiva de los desarrolladores y abordar la fragmentación de la información.\n 3. Se basa en una profunda asociación con Microsoft, funcionando sobre Azure e integrándose en el ecosistema de Microsoft 365 (incluyendo Copilot y Teams) para facilitar el acceso bidireccional al conocimiento dentro de los flujos de trabajo.\n 4. Sus características clave incluyen la "Knowledge Ingestion" para unificar contenido fragmentado con validación humana y el "Model Context Protocol" para conectar herramientas de IA.

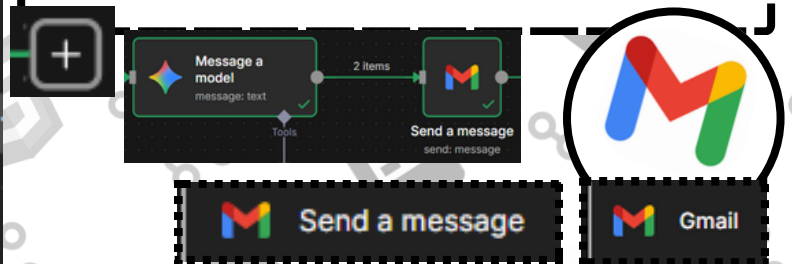
Email Type

Text

Connect

Google

Upon receiving the output of the five topics, a new node is created.



+ Create new credential

Sign in with Google

INPUT

Get row(s) in sheet

To

`{{ $('Get row(s) in sheet').item.json.Email }}`

Here, specify the location of the email list. The list is sourced from the column of the sheet that is referenced by the "Get row in sheet" node

Subject

`Article Summaries Attached {{ $('Get row(s) in sheet').item.json['Article LINK'] }}`

Article Summaries Attached <https://stackoverflow.blog/2025/11/18/introducing-stack-internal-powering-t->

In subject: "Article Summaries Attached " + column "Articles LINK"

Message

`{{ $('Get row(s) in sheet').item.json.Email }}`

Insert column "Email"

INPUT

Get row(s) in sheet

OUTPUT 

id	threadId	labelIds
19b13b5c138280b6	19b13b5c138280b6	0 : SENT
19b13b5c21e077d7	19b13b5c21e077d7	0 : SENT

Email

6.

Email vizualization

View Email from n8n

Article Summaries Attached <https://stackoverflow.blog/2025/11/18/introducing-stack-internal-powering-the-human-intelligence-layer-of-enterprise-ai/>



a65196295@gmail.com

Para: Você



Esta mensagem foi identificada como lixo eletrônico. Iremos excluí-la depois

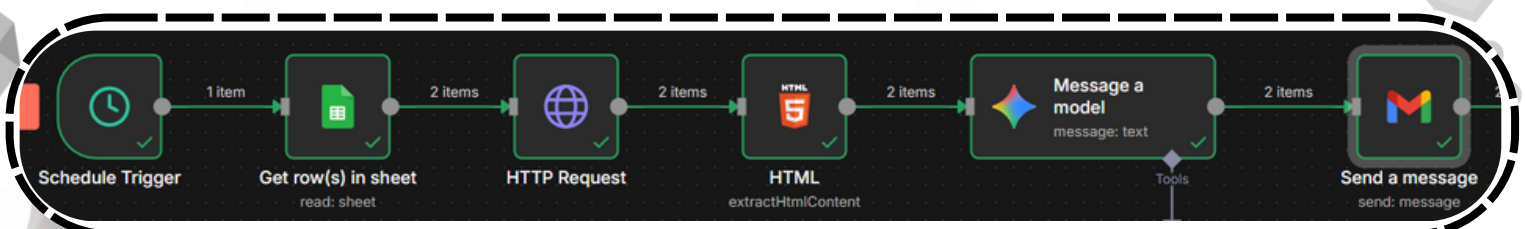


Esta mensagem está em Espanhol

1. Stack Internal, anteriormente Stack Overflow for Teams, es una plataforma de conocimiento empresarial reinventada para la era de la IA, diseñada para centralizar la experiencia verificada y acelerar el desarrollo.
2. La plataforma permite una colaboración entre humanos y la IA para automatizar la curación del conocimiento, reduciendo la carga cognitiva de los desarrolladores y aumentando la productividad.
3. Se ha establecido una profunda asociación con Microsoft, con Stack Internal construido sobre Azure e integrado en Microsoft 365, permitiendo un flujo bidireccional de conocimiento con Microsoft Copilot.
4. Incluye funciones como la Ingestión de Conocimiento para centralizar contenido validado por humanos y el Servidor de Protocolo de Contexto de Modelo (MCP) para conectar herramientas de IA con la base de conocimiento empresarial verificada, mejorando la precisión.
5. Stack Internal proporciona acceso instantáneo a respuestas fiables, reduce las "alucinaciones" de la IA y acelera la adopción segura de la IA en la empresa, sirviendo como una capa estratégica de inteligencia de conocimiento.

This email was sent automatically with n8n

<https://n8n.io>



7 Conclusion

Article Analyzer and Email Sender project demonstrates how to

- Automate data flow between Google Sheets, n8n, and Gmail on a schedule.
- Fetch and parse raw HTML content from article URLs using HTTP requests.
- Integrate Gemini 2.5 Flash for content analysis and topic extraction.
- Apply LLM translation rules (English article to Spanish summary) via custom prompting.
- Dispatch personalized email reports containing LLM-generated summaries using Gmail

The Article Analyzer and Email Sender Project is a practical, fully functional example of how no-code automation (n8n) + advanced AI (Gemini 2.5 Flash) instantly unlocks the ability to analyze, translate, and distribute high-quality content summaries from complex web articles without manual intervention, making content curation and insight delivery, for newsletters or internal reports, accessible to any team