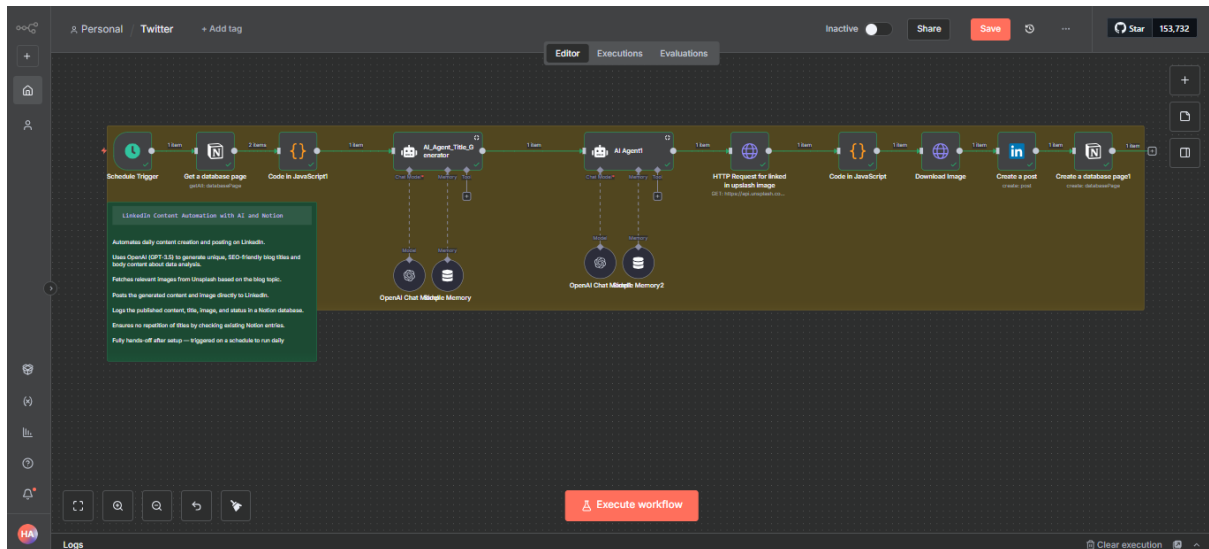


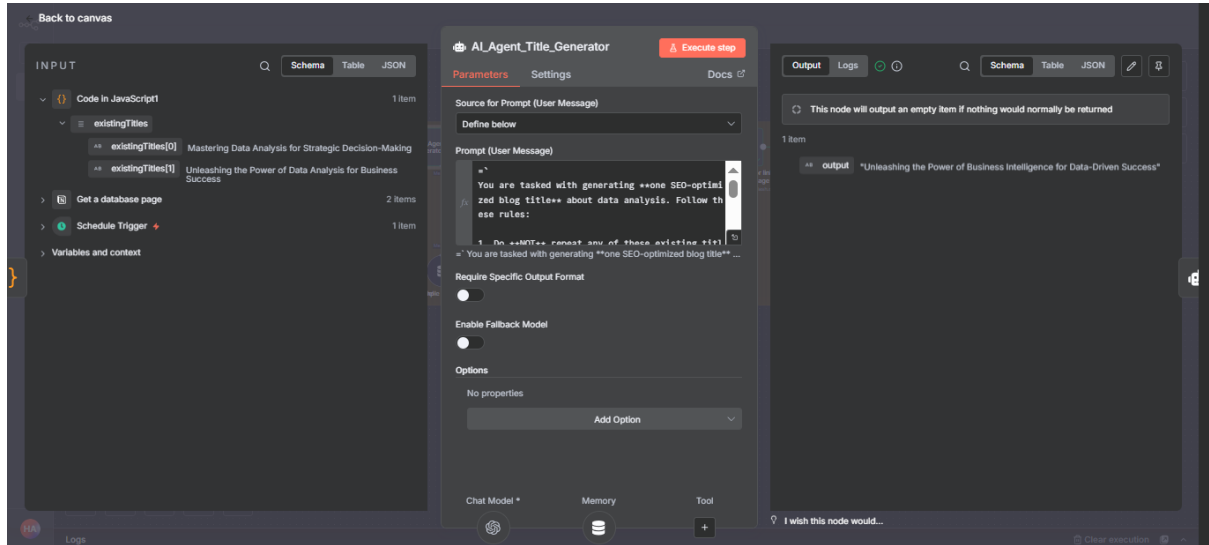
# LinkedIn Content Automation with AI and Notion



THIS PROJECT AUTOMATES LINKEDIN CONTENT CREATION AND PUBLISHING USING N8N AND OPENAI. IT GENERATES UNIQUE, SEO-FRIENDLY BLOG TITLES AND 300-WORD ARTICLES ON DATA ANALYSIS, FETCHES RELEVANT IMAGES FROM UNSPLASH, POSTS THE CONTENT TO LINKEDIN, AND LOGS ALL DETAILS IN A NOTION DATABASE. THE SYSTEM ENSURES NO TITLE REPETITION, MAINTAINS CONTEXT WITH MEMORY NODES, AND RUNS ON A SCHEDULED TRIGGER, CREATING A FULLY HANDS-OFF WORKFLOW FOR CONSISTENT, PROFESSIONAL, AND ENGAGING LINKEDIN CONTENT.

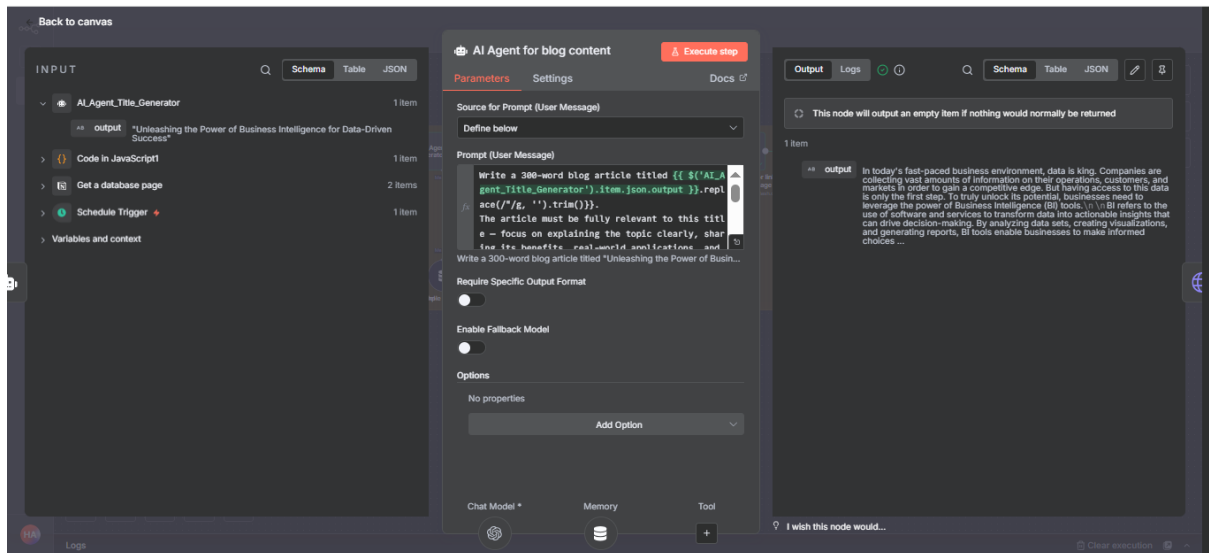
# AI\_Agent\_Title\_Generator

USES GPT-3.5 TO CREATE A SINGLE, CLEAR, PROFESSIONAL, AND SEO-FRIENDLY BLOG TITLE RELATED TO DATA ANALYSIS WHILE AVOIDING REPETITION OF EXISTING TITLES.



# AI Agent For Blog Content

GENERATES A 300-WORD BLOG ARTICLE BASED ON THE AI-GENERATED TITLE, INCLUDING A STRUCTURED INTRODUCTION, MAIN CONTENT, AND CONCLUSION, TAILORED FOR PROFESSIONAL READABILITY AND SEO.



# HTTP Request for linked in upslash image

SEARCHES UNSPLASH FOR RELEVANT, HIGH-QUALITY IMAGES BASED ON THE BLOG TOPIC TO VISUALLY  
ENHANCE THE LINKEDIN POST

The screenshot displays a workflow automation interface with three main panels: INPUT, HTTP Request configuration, and OUTPUT.

**INPUT Panel:** Shows a sequence of steps including "AI Agent for blog content", "AI Agent Title Generator", "Code in JavaScript1", "Get a database page", and "Schedule Trigger".

**HTTP Request Configuration Panel:** Titled "HTTP Request for linked in up...", it shows a GET request to the URL "https://api.unsplash.com/search/photos". The "Send Query Parameters" toggle is turned on, and a query parameter named "query" with the value "Analytics" is specified.

**OUTPUT Panel:** Displays the JSON response from the API. The response includes a "total" of 150 items, "total\_pages" of 15, and a "results" array containing image details.

Field	Value
total	150
total_pages	15
results[0]	
id	-WXQm_NTKOU
slug	graphical-user-interface--WXQm_NTKOU
alternative_slugs	
en	graphical-user-interface--WXQm_NTKOU
es	interfaz-grafica-del-usuario--WXQm_NTKOU
ja	グラフィカルユーザーインターフェース--WXQm_NTKOU
fr	interface-utilisateur-graphique--WXQm_NTKOU
it	interfaccia-utente-grafica--WXQm_NTKOU
ko	그래픽-사용자-인터페이스--WXQm_NTKOU
de	grafische-benutzeroberfläche--WXQm_NTKOU
pt	interface-grafica-do-usuario--WXQm_NTKOU
id	antarmuka-pengguna-grafis--WXQm_NTKOU
created_at	2022-10-27T13:03:03Z
updated_at	2025-11-04T09:56:40Z

# Create a post (LinkedIn)

PUBLISHES THE GENERATED TITLE, ARTICLE, AND IMAGE DIRECTLY TO LINKEDIN, AUTOMATING SOCIAL MEDIA CONTENT DELIVERY

The screenshot displays the n8n workflow editor for a node titled "Create a post" (LinkedIn). The interface is divided into three main sections: INPUT, CONFIGURATION, and OUTPUT.

**INPUT:** A "Download Image" node provides a single item. The "data" field shows file metadata: File Name: photo-1666875753105-c63aaf3bdc86, File Extension: jpeg, Mime Type: image/jpeg, and File Size: 376 kB. "View" and "Download" buttons are present.

**CONFIGURATION:** The "Create a post" node is configured with the following settings:

- Credential to connect with:** LinkedIn account
- Resource:** Post
- Operation:** Create
- Post As:** Person
- Person Name or ID:** Haseeb Ahmed
- Text:** A JavaScript template: ``${AI_Agent_Title_Generator}.item.json.output}`  
`${AI_Agent_for_blog_content}.item.json.output``
- Media Category:** Image
- Input Binary Field:** data

An "Execute step" button is located at the top right of the configuration panel.

**OUTPUT:** The output section shows one item with the field "urn" and the value "urn:Esahre:7391427633777037312".

At the bottom of the interface, there is a "Logs" section and a "Clear execution" button.

# Create a database (Notion)

LOGS THE PUBLISHED BLOG, ITS TITLE, IMAGE URL, LINKEDIN POST LINK, AND PUBLICATION DATE IN A NOTION DATABASE FOR RECORD-KEEPING AND CONTENT TRACKING

The screenshot displays the n8n workflow editor interface. The workflow is titled "Create a database page1".

**INPUT:**

- 1 item: "Create a post" (LinkedIn icon) with URL: `urn:li:share:7391427633777037312`
- 1 item: "Download Image"
- 1 item: "Code in JavaScript"
- 1 item: "HTTP Request for linked in upstash image"
- 1 item: "AI Agent for blog content"
- 1 item: "AI Agent Title Generator"
- 1 item: "Code in JavaScript1"
- 2 items: "Get a database page"
- 1 item: "Schedule Trigger"
- Variables and context

**Parameters:**

- Warning: "In Notion, make sure to add your connection to the pages you want to access."
- Credential to connect with: "Notion account 3"
- Resource: "Database Page"
- Operation: "Create"
- Database: "From list" (selected), "AI Content Creation for linkedin" (selected)
- Title: `{{ $('AI Agent Title Generator').item.json.output }}`
- Simplify: ☐
- Properties: "Key Name or ID" (selected), "Blog Content generated by AI" (selected)

**OUTPUT:**

1 item:

```
{
  "object": "page",
  "id": "2a1bd0e1-0486-817c-9720-c0401d835931",
  "created_time": "2025-11-04T10:55:00.000Z",
  "last_edited_time": "2025-11-04T10:55:00.000Z",
  "created_by": {
    "object": "user",
    "id": "2b3d66ad-2969-4eca-933f-3763140ac480"
  },
  "last_edited_by": {
    "object": "user",
    "id": "2b3d66ad-2969-4eca-933f-3763140ac480"
  },
  "cover": null,
  "icon": null,
  "parent": {
    "type": "database_id",
    "database_id": "29bbd0e1-0486-80ad-84af-ec813d3c6f47"
  },
  "archived": false,
  "in_trash": false,
  "is_locked": false
}
```