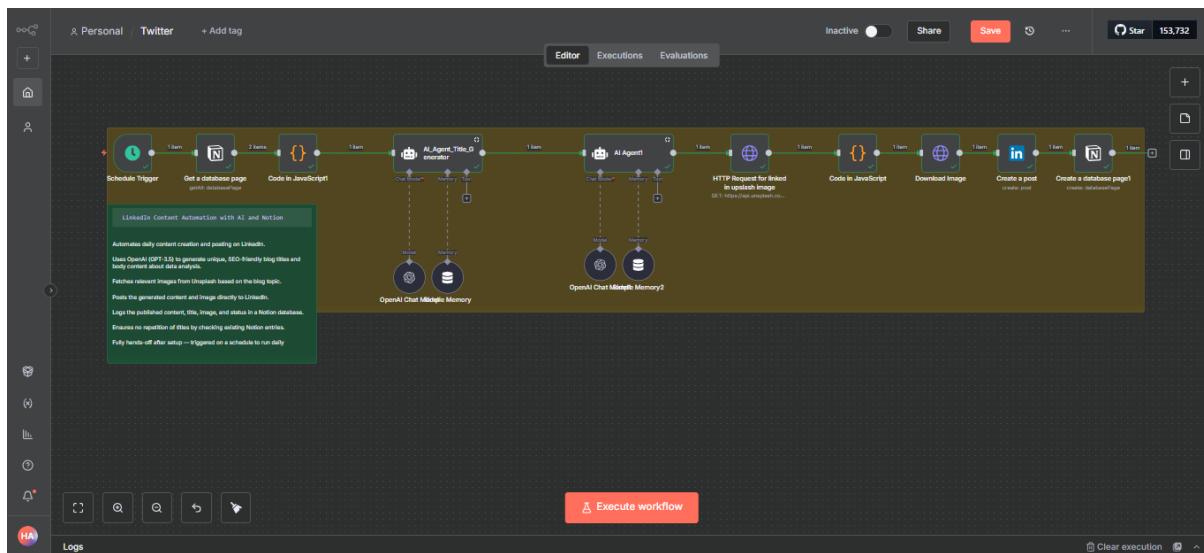


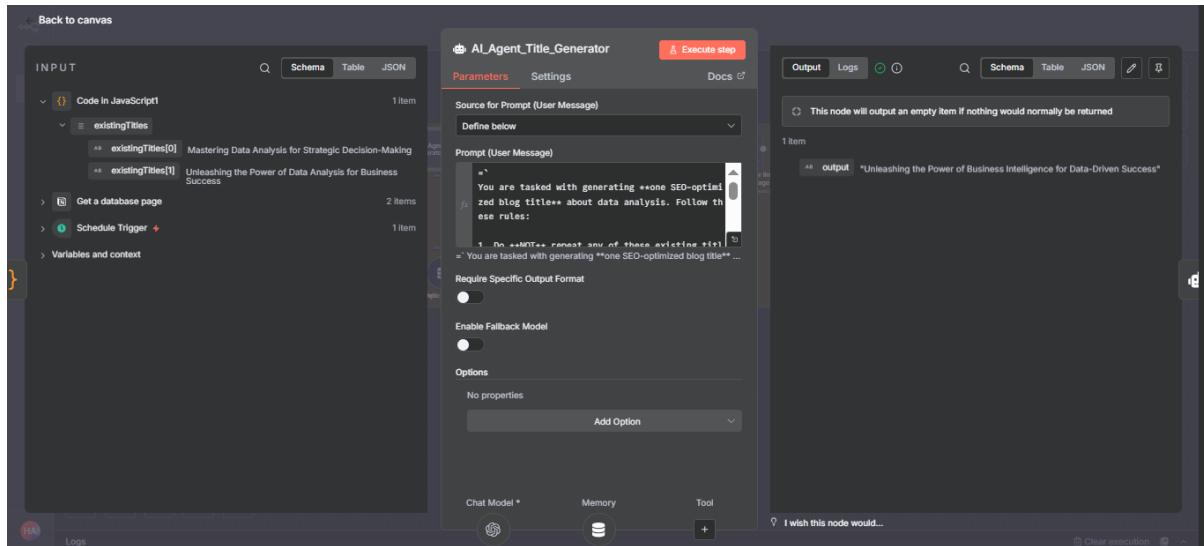
# LinkedIn Content Automation with AI and Notion



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.

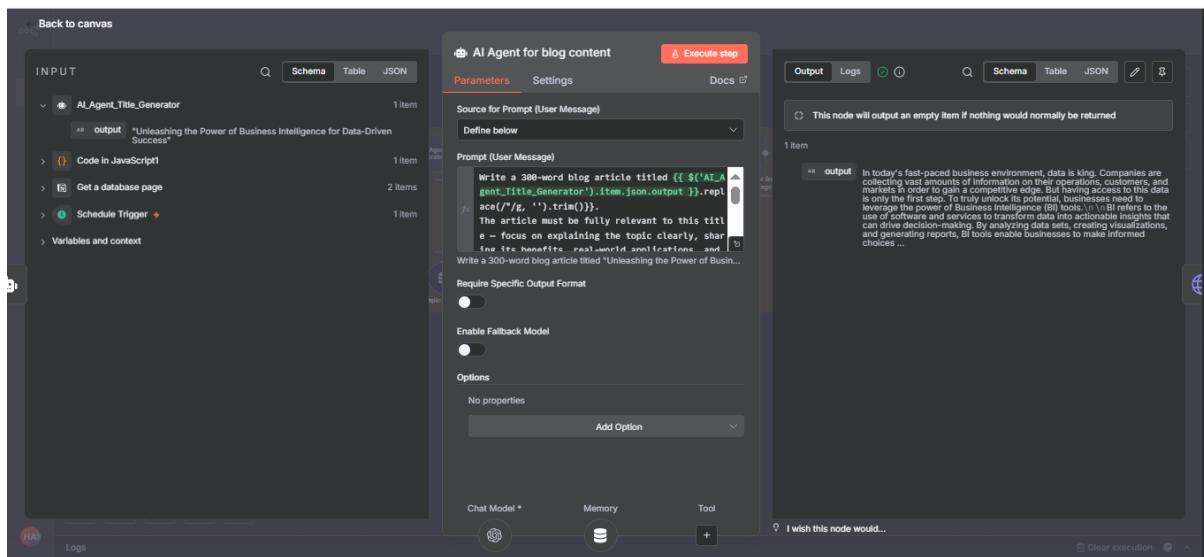
# AI\_Agent\_Title\_Generator

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 shows the upslash platform's workflow editor. On the left, the 'INPUT' panel displays a single item from 'AI Agent for blog content'. The central node is an 'HTTP Request for linked in up...' node, which has been configured with the following parameters:

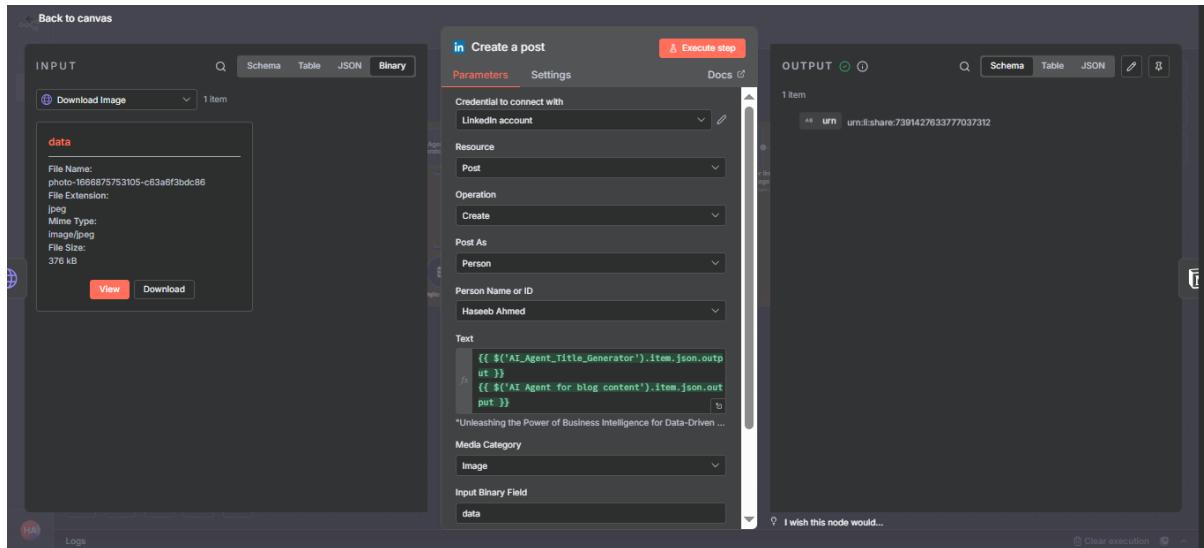
- Method:** GET
- URL:** <https://api.unsplash.com/search/photos>
- Authentication:** None
- Send Query Parameters:** Enabled
- Specify Query Parameters:** Using Fields Below
- Query Parameters:**
  - Name: query
  - Value: Analytics

The right panel, titled 'OUTPUT', shows the response from the API call. It contains one item with the following data:

- # total: 150
- # total\_pages: 15
- results:
  - 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-benutzeroberfäche--WXQm\_NTKOU
      - # pt: interface-gráfica-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



# 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 shows a workflow interface with two main panels: INPUT and OUTPUT.

**INPUT Panel:** Contains a list of actions and variables:

- in Create a post (with URL: urn:ll:share:7391427633777037312)
- Download Image
- Code in JavaScript
- HTTP Request for linked in upslash Image
- AI Agent for blog content
- AI\_Agent\_Title\_Generator
- Code in JavaScript1
- Get a database page
- Schedule Trigger
- Variables and context

**Middle Panel:** A central workspace titled "Create a database page1". It includes tabs for Parameters, Settings, and Docs. The Parameters tab contains:

- Credential to connect with: Notion account 3
- Resource: Database Page
- Operation: Create
- Database: From list (selected), AI Content Creation for LinkedIn
- Title: {{ \${'AI\_Agent\_Title\_Generator'} .item.json.out[0] }}

**OUTPUT Panel:** Shows the resulting JSON object for a single item in the database:

```
1 item
  AB object page
  AB id 2a1bd0e1-0486-817c-9720-c0401d835931
  AB created_time 2025-11-04T10:55:00.000Z
  AB last_edited_time 2025-11-04T10:55:30.000Z
  AB created_by
    AB object user
    AB id b23d66ad-2969-4eca-933f-3763140ac480
  AB last_edited_by
    AB object user
    AB id b23d66ad-2969-4eca-933f-3763140ac480
    AB cover [null]
    AB icon [null]
  AB parent
    AB type database_id
    AB database_id 29bbdb0e1-0486-80ad-84a1-ec813d3c6f47
    AB archived false
    AB in_trash false
    AB is_locked false
  ? I wish this node would...
```