

# Robotics Articles Scraper – Handoff Guide

## 1. Overview

This tool helps non-technical users identify relevant robotics companies from articles online. It extracts and summarizes company details and rates how closely they align with ABM Industries' interests.

## 2. How to Use the Tool

### Step 1: API Setup

- **Supabase URL** and **Anon Key** must be entered once (provided by the developer).
- This allows the tool to store and fetch data securely.

The screenshot shows the Robotics Articles Scraper web application running in a browser at localhost:8536. The interface is divided into a left sidebar for settings and a main content area for results.

**Left Sidebar (API & ABM Settings):**

- SUPABASE URL:** `https://sahasraybuxchfpeymdr.supaba-`
- SUPABASE ANON KEY:** A masked field with an eye icon to toggle visibility.
- ☐ **Generate summary from uploaded ABM PDF**
- Upload ABM PDF:** A section with a "Drag and drop file here" area (Limit 200MB per file + PDF), a "Browse files" button, and a file named "ABM Reports First Quart..." (0.7MB).
- + Add Article URLs:** A section with a text input field containing "https://www.therobotreport.com/category/robots-platforms/humanoids/" and a "Deploy" button in the top right corner.

**Main Content Area:**

- Robotics Articles Scraper** header with a robot icon.
- Done scraping & parsing!** status message in a green box.
- Min Relevancy Score:** A slider set to 3, ranging from 1 to 5.
- Table of Results:**

	Company	Company Info	Region	Focus
0	Agility Robotics	Develops legged robots designed for human-like mobility to handle logistics and mat	USA	Legged humanoid robots
4	Nuro	Nuro develops autonomous delivery vehicles designed for last-mile logistics and sma	United States	Autonomous delivery robot
5	Brain Corp	Brain Corp develops autonomous navigation software for floor cleaning robots and o	USA	Autonomous floor cleaning
6	Avidbots	Avidbots designs and manufactures autonomous floor scrubbing robots serving com	Canada	Floor-scrubbing autonomo
7	OTTO Motors	OTTO Motors develops autonomous mobile robots (AMRs) for material transport in w	Canada	Autonomous mobile transp

Navigation and Action Buttons:

- Prev** and **Next** buttons for pagination.
- Page 1/17** indicator.
- Download Data** section with a **Download JSON** button.

### Step 2: Upload ABM PDF

- If you have a quarterly or strategic PDF from ABM, drag and drop it in the "Upload ABM PDF" section.
- This helps tailor company relevance to ABM goals.

### Step 3: Add Article URLs

- Paste links from trusted robotics news sources.
  - Example:  
<https://www.therobotreport.com/category/robots-platforms/humanoids/>
- Choose either:
  - ☒ Auto-follow pagination (recommended)
  - ☐ Scroll-based pagination (only for infinite-scroll sites like LinkedIn or Medium)
- Set the number of pages to crawl.
- Choose the LLM model: ☒ gpt-4.1-mini (recommended)

The screenshot shows the Robotics Articles Scraper web application running in a browser at localhost:8536. The interface is dark-themed and includes a sidebar on the left for configuration and a main content area on the right for results.

**Sidebar Configuration:**

- Browse files:** A file named "ABM Reports First Quart..." (0.7MB) is listed.
- Add Article URLs:** A text input contains the URL "https://www.therobotreport.com/category/robots-platforms/humanoids/".
- Auto-follow pagination:** Checked (indicated by a red checkmark).
- Use scroll-based pagination:** Unchecked.
- Pages to crawl:** A numeric input set to 4.
- Add URLs:** A button.
- Select LLM model:** A dropdown menu showing "gpt-4.1-mini".
- Start Scraping:** A button with a green play icon.

**Main Content Area:**

- Robotics Articles Scraper:** The title of the application.
- Done scraping & parsing!** A green success message.
- Min Relevancy Score:** A slider set to 3, ranging from 1 to 5.
- Table:** A table with 5 columns: Index, Company, Company Info, Region, and Focus. It contains 8 rows of data.
- Navigation:** "Prev" and "Next" buttons.
- Page 1/17:** The current page number.
- Download Data:** A section with a "Download JSON" button.

	Company	Company Info	Region	Focus
0	Agility Robotics	Develops legged robots designed for human-like mobility to handle logistics and mat	USA	Legged humanoid robots
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#### Step 4: Run the Scraper

- Click **Start Scraping**
- The tool will pull article content, summarize it, and extract company data.

### 3. Results

#### Filters

- Use the **Min Relevancy Score** slider to filter companies based on how aligned they are with ABM's needs (scale of 1–5).

#### Table View

- Each row includes:  
Company Name, Info, Region, Robotics Focus, Funding, Media Mentions, and more.

#### Data Export

- After reviewing results:
  - Click **Download JSON** for structured formats.
  - Click **Download CSV** to export spreadsheet-style data.

 CSV attached: [ScraperFinalOutput.csv](#)

### 4. What the Relevancy Score Means

Each company is given a **Relevancy Score (1–5)** based on how well it aligns with **ABM Industries' strategic priorities**, such as:

- Smart automation for commercial buildings
- HVAC, janitorial, energy & sustainability solutions
- Robotics that improve facility management
- Commercial-ready solutions (not just research)

If an **ABM PDF** is uploaded, the AI incorporates that context to make even more tailored decisions.

Score	Meaning
5	Strong alignment with ABM's automation/energy goals and facility needs — highly relevant
3	Partial overlap or potential future fit — worth monitoring
1	Low or no relevance — not aligned with ABM's core interests

## 5. FAQ

### Q: Nothing is being scraped?

➡ Make sure you're adding article **pages**, not just category/tag URLs.

### Q: CSV is empty?

➡ Try increasing "Pages to crawl" or switching to Auto-follow pagination.

### Q: Which model to choose?

➡ Use **gpt-4.1-mini** for speed + quality balance.