**Hacker News Job Listing Scraper and Parser.txt**

What does this do?

* **Initiate the Scrape:**  
  The workflow starts manually by clicking “Test workflow,” which triggers the process.
* **Scrape Hacker News "Who is Hiring?" Posts:**  
  It uses an HTTP request to the Algolia Search API to fetch posts that match the exact phrase "Ask HN: Who is hiring?" sorted by date, filtering for recent posts.
* **Extract Relevant Post Data:**  
  From the search results, it splits out the list of posts and extracts key fields such as title, creation date, update date, and story ID.
* **Filter Recent Posts:**  
  It ensures only posts from the last 30 days are processed, so you’re working with the latest job postings.
* **Fetch Detailed Post and Job Data:**  
  For each main post, the workflow retrieves more details via the Hacker News API, and then it drills down into the individual job post comments (using the “kids” field).
* **Clean and Transform Text:**  
  The raw text from these posts and job comments is cleaned (removing HTML tags and encoded characters) and optionally limited to a test subset.
* **Structure the Data with AI:**  
  An OpenAI Chat Model (using GPT-4o-mini) is then employed to transform the cleaned text into a structured JSON format based on a predefined schema. This schema includes fields like company, job title, location, employment type, salary, description, apply URL, and company URL.
* **Store the Results:**  
  Finally, the structured data is written to an Airtable base, allowing you to easily review and use the scraped hiring data later.
* **Helpful Instructions:**  
  Throughout the workflow, sticky notes provide detailed setup instructions and tips (such as using the HN Algolia API, Hacker News API endpoints, and setting up your Airtable base).