

**SEIS 764: Artificial Intelligence**  
**University of St. Thomas**

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**Assignment 1:** Collect setup for “Search, Collect, Process”.

**Part 1a:** Information sources.

- **Nvidia News Feed:** The purpose of “Seach, Collect, Process” in this case is to stay up to date with new technology. Therefore, one of the good choices in my opinion is a leading company in terms of cutting-edge technology such as Nvidia in case of AI and AI processing unit in particular.
- **MIT Tech Review:** MIT has always been a source of tech that I personally follow in a last few year. They tend to have a wide range of research topics and most of the time they are leading in those research topics too. They also have different type of media such as videos on YouTube where a lot of prototypes or research are demonstrated there.
- **ArXiv:** ArXiv is where I tends to turn to a lot of time when doing research, literature review or writing paper. A lot of times when ever I have an idea of anything, I would find some paper related to that in there.
- **Google Search:** Almost every time before I read a blog, paper or video google is my first tools just to get a rough idea of the topic or see relevant source. And it has been good in term of give results that I am looking for either a source, news, implementation, etc. Therefore, setting up a simple keyword like “Vision AI” which is a topic that I am interested on google search and just pull RSS from that topic is my initial set up for now.

**Part 1b:** “Collect” Workflow

My “Collect” workflow is fairly simple, as I already have a source that I will be pulling feed from, I decided to use Zapier to create a Zap where capture a new feed when posted and send it to a Notion database where field are match accordingly. Apart from Google feed, other sources are not expected to be frequently posted new articles. Expected about once or twice a week. However, a google feed new entries are updated quite often as you can see in Fig 02, after I created a workflow, multiple entries has already been added. More optimization in the future would be nice I would say. For now I plan to review these article

once a week around weekend which just a few days before class so I still have a clear I idea of article that I read.

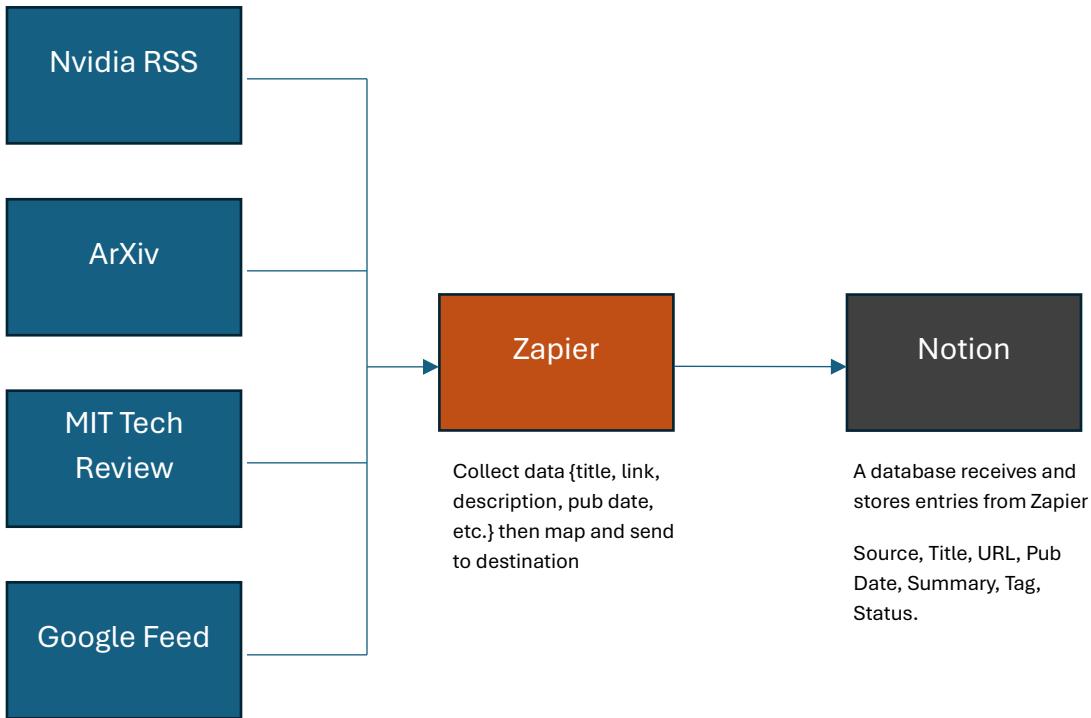


Fig 01: Collect Workflow diagram

Tech Article News							
<a href="#">Table</a>							
<span style="font-size: small;">▼ ArXiv</span>							
Aa	Source	Title	URL	Published	Summary	Tags	Status
<a href="#">ArXiv</a>	MAU-GPT: Enhancing Multi-type	arxiv.org/abs_07011		February 10, 2026	arXiv2602.07011v1 Announce		<input type="checkbox"/>
+ New page							
<span style="font-size: small;">▼ Google RSS</span>							
Aa	Source	Title	URL	Published	Summary	Tags	Status
<a href="#">Google RSS</a>	Turning vision into enterprise in	news.google.com/rss_k7oc5		November 17, 2025	Turning vision into enterprise in	Vision AI	<input type="checkbox"/>
<a href="#">Google RSS</a>	Microsoft Update Copilot Vision	news.google.com/rss_v7oc5		July 16, 2025	Microsoft Update Copilot Vision	Vision AI	<input type="checkbox"/>
<a href="#">Google RSS</a>	From a vision of AI in plant sci	news.google.com/rss_v7oc5		October 14, 2025	From a vision of AI in plant sci	Vision AI	<input type="checkbox"/>
<a href="#">Google RSS</a>	NVIDIA Unveils New Open Mod	news.google.com/rss_c7oc5		January 5, 2026	NVIDIA Unveils New Open Mod	Vision AI	<input type="checkbox"/>
<a href="#">Google RSS</a>	Samsung Unveils Vision AI for h	news.google.com/rss_U7oc5		May 7, 2025	Samsung Unveils Vision AI for h	Vision AI	<input type="checkbox"/>
<a href="#">Google RSS</a>	Founders Future Opens San Fra	news.google.com/rss_A7oc5		November 17, 2025	Founders Future Opens San Fra	Vision AI	<input type="checkbox"/>
<a href="#">Google RSS</a>	Compact SMARC module com	news.google.com/rss_M7oc5		February 2, 2026	Compact SMARC module com	Vision AI	<input type="checkbox"/>
<a href="#">Google RSS</a>	Samsung Vision AI Companion	news.google.com/rss_Q7oc5		December 3, 2025	Samsung Vision AI Companion	Vision AI	<input type="checkbox"/>
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Fig 02: Collected article dashboard