**0 Task Knowledge**

Fake news has been present since before the Internet. The fake news are mainly fictious articles deliberately fabricated to deceive readers.

Social media and news outlets publish fake news to increase readership or as part of psychological warfare. In general, the goal is profiting through clickbait. A clickbait lure user and entice curiosity with flashy headlines or designs to click links to increase advertisement revenues.

The purpose of this work is to come up with a solution to detect and filter sites containing false and misleading information.

**Reference for Fake News:**

(Monther Aldwairi, 2018), [Detecting Fake News in Social Media Networks - ScienceDirect](https://www.sciencedirect.com/science/article/pii/S1877050918318210)

**How to Be Media Literate:**

**Be curious:** Independently verify the source (by performing a separate search) and independently verify the information (through mainstream news sources and fact-checking sites).

**Be reflective:** If you have an immediate emotional reaction to a news article or source: pause, reflect, investigate. Exciting an emotional reaction is a primary goal of fake news producers. Do not be part of a viral fake news spiral!

**Actively investigate your news sources:** Select news sources known for high-quality, investigative reporting. Search these sources directly. Don't settle for web search results or social media news feeds. Social media algorithms are designed to present the news that reinforces your current views, not a balanced view.

**Look for in-depth coverage:** Look for lengthy articles--long-form reporting--that better capture the complexity of topics and events. One or two paragraphs is not sufficient. Take a look at this [article from Slate](https://slate.com/news-and-politics/2019/10/chile-protests-against-president-pinera-and-deep-inequality.html) as an example.

Reference:

(Engle, 2022), [Workshops - Misinformation, Disinformation, and Propaganda - LibGuides at Cornell University](https://guides.library.cornell.edu/evaluate_news)