

Understanding AI & Algorithmic Literacy



Algorithm literacy is defined as:

"being aware of the use of algorithms in online applications, platforms, and services, knowing how algorithms work, being able to critically evaluate algorithmic decision-making as well as having the skills to cope with or even influence algorithmic operations. The combination of these cognitive and behavioral dimensions thus allows internet users to understand, evaluate, and cope with algorithms in a self-determined way. Practically speaking, this means that individuals are able to apply strategies that allow them to modify predefined settings in algorithmically curated environments, such as in their social media newsfeeds or search engines, to change algorithms' outputs, compare the results of different algorithmic decisions, and protect their privacy."

Source: DOI: [10.1080/19312458.2021.1968361](https://doi.org/10.1080/19312458.2021.1968361)

Algorithmic literacy is the ability to understand how algorithms work and how they affect our digital experiences. It includes being aware of how algorithms are used in online services and platforms, and how to critically evaluate algorithmic decisions.

[AI Literacy Lessons for Grades 6-12](#) (Common Sense)

See free resources [AI Literacy Content For K-12 Students](#), at

this website (Getting Smart)

[Improving Algorithmic Literacy](#) (UK)

[AI Literacy in the Future of Libraries: Adapting to a New Information Landscape](#)

[Algorithms and Media Literacy](#)

[Algorithm & Data Literacy Project | Understanding algorithms](#)

[Unpacking Algorithmic Literacy](#)

[Without AI Literacy, Students Will Be 'Unprepared for the Future,' Educators Say](#) (Ed Week)

[Top 5 Articles on Algorithmic Literacy](#) (ALA)

[What Makes Students \(and the Rest of Us\) Fall for AI Misinformation?](#) (Ed Week)

[Algorithmic Literacy Strategies](#) (video)

[Cultivating Critical AI Literacy and Digital Citizenship for Equity and Justice](#) (video)