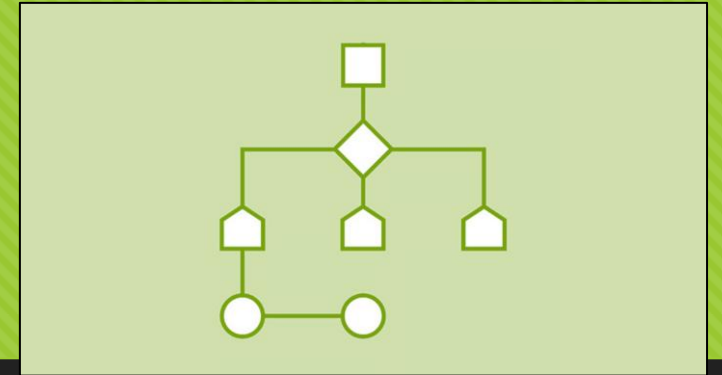


What are Algorithms? Used on Amazon and Netflix, algorithms learn your preferences and rank the content you see accordingly. Smartphone apps and artificial intelligence cannot work without algorithms.

Over 1,000 years before computers, the internet, or apps, Muhammad ibn Mūsā al-Khwārizmī, a Persian with wide ranging knowledge, invented the concept of algorithms.

- **What is an algorithm?**
- **Give an example of something you do without thinking much about it that can be written as an algorithm.**

What is an Algorithm?



- According to Wikipedia, one definition is "a set of rules that precisely defines a sequence of operations." This includes computer programs, "prescribed bureaucratic procedures," and recipes for cooking.
<https://en.wikipedia.org/wiki/Algorithm>

Examples - Describe making a peanut butter and jelly sandwich, or your morning bathroom routine, or getting to school, or riding a bicycle. You must have an explicit set of instructions someone could follow to achieve a specific endpoint. Can you write one?

Want more info? <https://www.nlm.gov/guides/data-glossary/algorithm>