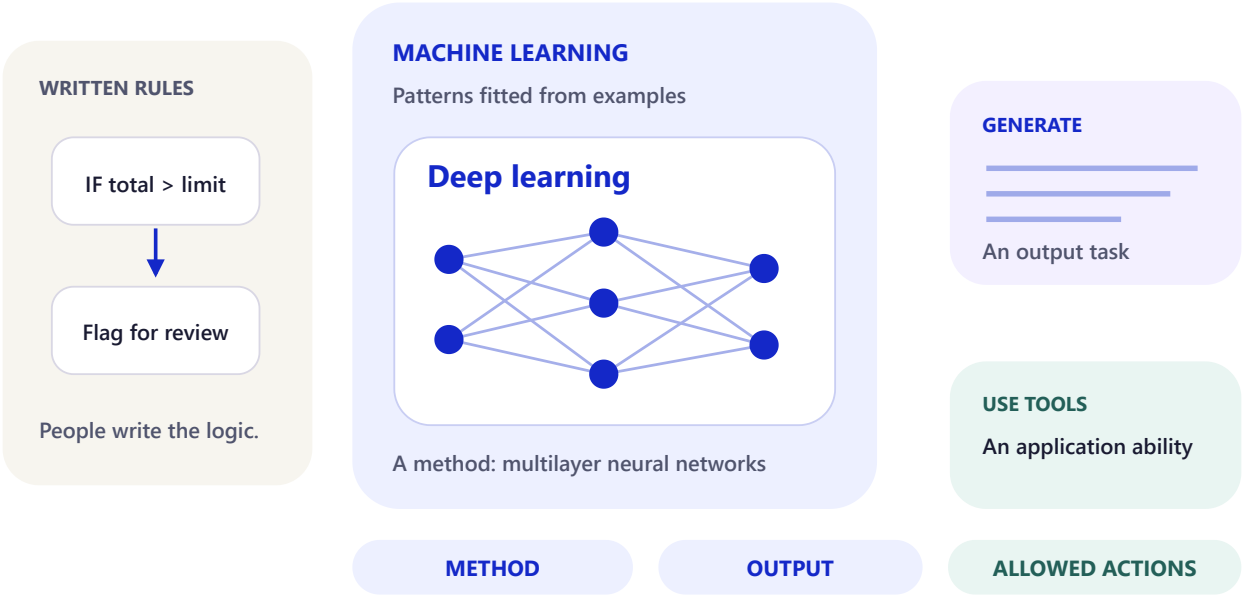
CHAPTER 01 / A SYSTEMS VIEW

The AI map.

Know what learns. What creates. What acts.

One system. Three different lenses.



Learning method, generated output, and tool use can overlap. They are not one universal ladder.

Learning

Rules are written by people. Machine learning fits patterns from data. Deep learning uses multilayer neural networks.

Creating

Generative AI produces content. Many current generators use deep learning; generation describes the job, not every architecture.

Acting

An agent connects decisions to actions. The application still needs permissions, limits, and checks.

↗ **Start with the job. Then choose the smallest system that can do it well.**

PUT IT TO WORK

Invoice workflow: rules check totals; ML predicts a category; a generator drafts the reply; tools send it only when authorized.

CLOSE THE PAGE. EXPLAIN IT.

Can you separate the learning method, output, and allowed actions in one AI product?