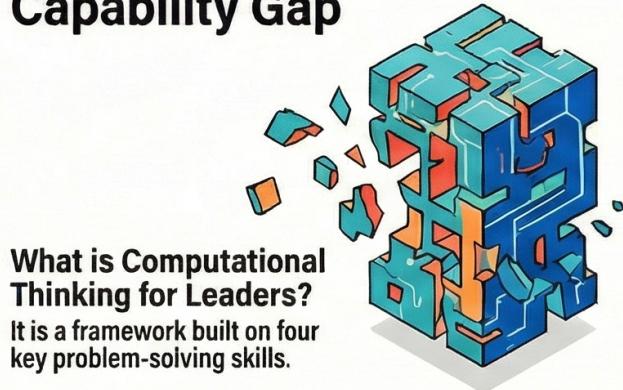


# Computational Thinking: The Modern Leader's Operating System

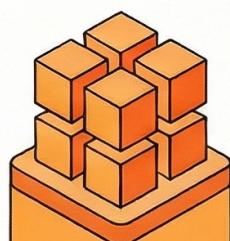
Closing the critical leadership capability gap for data-rich industries.

## THE PROBLEM: A Critical Leadership Capability Gap

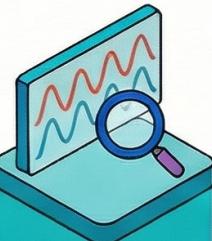


**What is Computational Thinking for Leaders?**  
It is a framework built on four key problem-solving skills.

### The 4 Pillars of Computational Thinking:



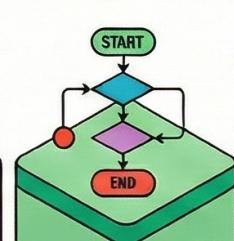
**Decomposition**  
Breaking complex problems into smaller, manageable parts.



**Pattern Recognition**  
Identifying similarities and trends to anticipate challenges.



**Abstraction**  
Filtering out noise to focus on what's most important.



**Algorithm Design**  
Creating step-by-step, repeatable processes for success.

### Digital Transformation Initiatives Fail



### Strategy Execution Suffers

**+31%**

Higher Strategy Execution Effectiveness

## THE SOLUTION: How to Build Computational Leaders

### Develop Algorithmic Literacy

Teach leaders to map and redesign business processes as systematic, scalable workflows.



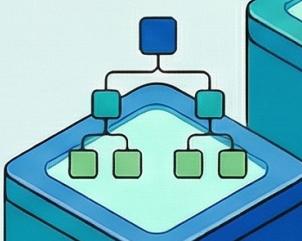
### Create Tech Immersion Experiences

Embed leaders in engineering or data science teams to build intuition.



### Teach Structured Problem Decomposition

Train leaders to use frameworks (like issue trees) on real business challenges.



### Embed it in Your Culture

Build systems like Amazon's "mechanisms" that make computational thinking a daily habit.

