

# The Innovation Expansion: ML-Powered Divergent Thinking

From One Challenge to Thousands of Possibilities

FOCUS

EXPLORE

Single Challenge  
1 challenge

Context Exploration  
10 dimensions

Divergent Thinking

Dimension Analysis  
50 dimensions

Feature Discovery  
100 features

Creative Expansion

Pattern Exploration  
500 features

Idea Generation  
1,000 ideas

Possibility Universe  
5,000 ideas

ML: Problem Definition

ML: Data Collection

ML: Feature Engineering

ML: Attribute Extraction

Systematic Exploration

Combinatorial Generation

AMPLIFY Learning amplifies innovation through systematic exploration and creative combination

$1 \rightarrow 10x \rightarrow 5x \rightarrow 2x \rightarrow 5x \rightarrow 2x \rightarrow 5x = 5000$  possibilities from a single seed