The Degenerate Science of Machine Learning

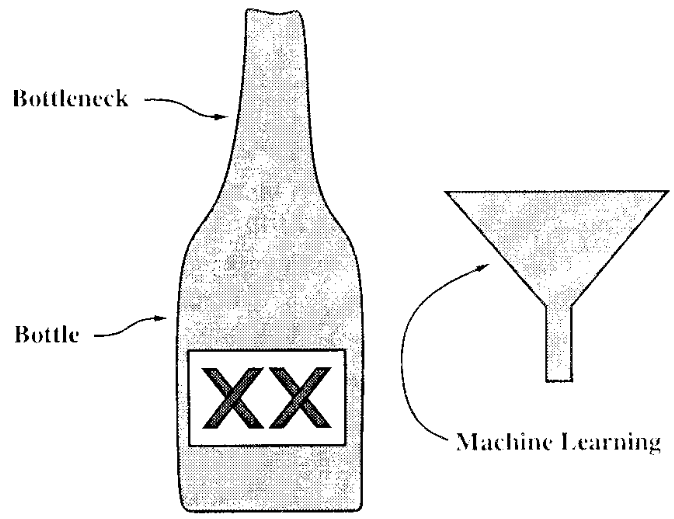

Figure 1. Machine learning as a response to the knowledge acquisition bottleneck.

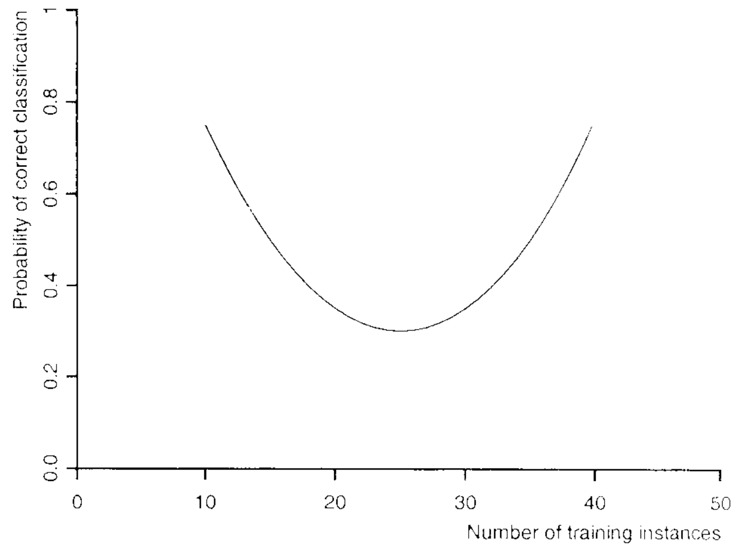

Figure 4. An experimental result that many researchers in machine learning find visually pleasing.

Conference on Computational Learning Theory

COLT 2000: June 28 - July 1

We invite submission of papers about the theory of machine learning.

International Conference on Machine Learning

ICML 2000: June 29 - July 2

ICML-2000 welcomes submissions on all facets of machine learning.

Conference on Uncertainty in Artificial Intelligence

UAI 2000: June 30 - July 3

We encourage submissions that report on advances in the core areas of representation, inference, learning, decision making, and knowledge acquisition, as well those dealing with on insights derived from the construction and use of applications involving uncertain reasoning.

COLT / ICML / UAI Review

We will be discussing the following papers:

- Bryan Singer - Lagoudakis and Littman's paper on Algorithm Selection using RL
- John Langford - Andrew Ng's paper on Inverse Reinforcement Learning
- Daniel Nikovski - Andrew Ng and Mike Jordan's paper on PEGASUS, their system for planning in POMDPs
- Sean Slattery - Goldman and Zhou's paper on Enhancing Supervised Learning with Unlabeled Data
- Chuck Rosenberg - Bay and Pazzani's paper on Characterizing Model Errors and Differences