

Common Sense is Common; Making Sense is Uncommon

Peter Norvig, Google

Keynote Address

Abstract: Where does common sense come from? If we need to hand-program everything our computers need to know with consistent axioms in first-order causal action theories, then progress will be slow, because we humans have proven to be inefficient at writing such axioms. Fortunately, common sense is all around us, in the web pages, images, videos, and social interactions that are captured by computers every day. This talk discusses supervised and unsupervised methods of making sense from this data.