Steps Toward Human-Level AI

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ABSTRACT

Machine learning has revolutionized the way we develop the intelligent systems. Instead of human programming, the machine learning approach endows the machine with intelligence by automatic learning from data. Deep learning is a pinnacle of the current machine learning approach. However, most deep learning involves specific, narrow intelligence which is usually still far from human-level intelligence. In this talk I consider why we need to go further toward human-level artificial general intelligence and what steps we can proceed to study and develop human-level AI.