The rapid growth of Human-in-the-Loop Machine Learning

Robert Munro

Machine Learning Consulting, USA
robert.munro@gmail.com

Abstract. In the last few years Human-in-the-Loop Machine Learning has quickly become the dominant paradigm in many industries adopting AI for the first time. More than 90% of machine learning applications today are powered by supervised machine learning, including autonomous vehicles, in-home devices, and every item you purchase on-line. There are thousands of professional annotators and subject matter experts fine-tuning each underlying model by annotating new data. This talk will highlight different use cases in Human-in-the-Loop Machine Learning in industries including finance, healthcare, entertainment, retail, and disaster response.