

Machine Learning from Weak Supervision

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Machine learning from big training data is making a great success in various real-world applications such as speech, image, and natural language processing. However, there are various application domains that prohibit the use of massive labeled data. In this talk, I will introduce our recent advances in machine learning from weak supervision, including unsupervised classification [1], classification only from positive and unlabeled data [2, 3, 4, 5, 6], and semi-supervised learning [7].

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