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# Discovering Comprehensible Knowledge from Data using Ensemble Learning Techniques

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## Abstract

Machine learning focuses on the study of algorithms that can improve the performance of computer programs with experiences, which has become one of the most important sources of intelligent data analysis techniques. Ensemble learning is a powerful machine learning paradigm. In contrast to traditional machine learning techniques which train one learner from data, en-

semble learning techniques generate multiple or many learners from data to solve a problem. This talk will introduce some advances in the research of ensemble learning. In particular, the talk will show some methods for discovering comprehensible knowledge from data using ensemble learning techniques, which exhibits that ensemble learning techniques can be useful tools for the research of knowledge science.