1. Record Nr. UNINA9910557324603321 Autore Solé-Casals Jordi Titolo Machine Learning Methods with Noisy, Incomplete or Small Datasets Pubbl/distr/stampa Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021 Descrizione fisica 1 electronic resource (316 p.) Soggetti Information technology industries Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia In many machine learning applications, available datasets are Sommario/riassunto sometimes incomplete, noisy or affected by artifacts. In supervised scenarios, it could happen that label information has low quality, which might include unbalanced training sets, noisy labels and other problems. Moreover, in practice, it is very common that available data samples are not enough to derive useful supervised or unsupervised classifiers. All these issues are commonly referred to as the low-quality data problem. This book collects novel contributions on machine learning methods for low-quality datasets, to contribute to the dissemination of new ideas to solve this challenging problem, and to

provide clear examples of application in real scenarios.