

1. Record Nr.	UNINA9910789912403321
Titolo	Cost-sensitive machine learning // edited by Balaji Krishnapuram, Shipeng Yu, Bharat Rao
Pubbl/distr/stampa	Boca Raton, Fla. : , : CRC Press, , 2012
ISBN	0-429-10650-5 1-4398-3928-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (316 p.)
Collana	Chapman & Hall/CRC machine learning & pattern recognition series
Altri autori (Persone)	KrishnapuramBalaji YuShipeng RaoBharat
Disciplina	006.31
Soggetti	Machine learning - Cost effectiveness
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Chapman & Hall book."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	pt. 1. Theoretical underpinnings of cost-sensitive machine learning -- pt. 2. Cost-sensitive machine learning applications.
Sommario/riassunto	In machine learning applications, practitioners must take into account the cost associated with the algorithm. These costs include: Cost of acquiring training dataCost of data annotation/labeling and cleaningComputational cost for model fitting, validation, and testingCost of collecting features/attributes for test dataCost of user feedback collectionCost of incorrect prediction/classificationCost-Sensitive Machine Learning is one of the first books to provide an overview of the current research efforts and problems in this area. It discusses real-world applications that incorporate the cost o