1. Record Nr. UNINA9910317800903321 Autore Harun Pirim Titolo Recent Applications in Data Clustering / / edited by Harun Pirim Pubbl/distr/stampa IntechOpen, 2018 Croatia:,:IntechOpen,,2018 **ISBN** 1-83881-560-0 1-78923-527-8 Edizione [1st ed.] Descrizione fisica 1 online resource (250 pages): illustrations Disciplina 006.312 Soggetti Data mining Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Sommario/riassunto Clustering has emerged as one of the more fertile fields within data analytics, widely adopted by companies, research institutions, and educational entities as a tool to describe similar/different groups. The book Recent Applications in Data Clustering aims to provide an outlook of recent contributions to the vast clustering literature that offers useful insights within the context of modern applications for professionals, academics, and students. The book spans the domains of clustering in image analysis, lexical analysis of texts, replacement of missing values in data, temporal clustering in smart cities, comparison of artificial neural network variations, graph theoretical approaches, spectral clustering, multiview clustering, and model-based clustering in an R package. Applications of image, text, face recognition, speech

(synthetic and simulated), and smart city datasets are presented.