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                       Comparison for Main Memory-based Fast Column Scan -- Infectious
                       Disease Prediction Modelling using Synthetic Optimization Approaches
                       -- Concept Recognition with Convolutional Neural Networks to
                       Optimize Keyphraze Extraction -- Deep Neural Trading: Comparative
                       Study with Feed Forward, Recurrent and Autoencoder Networks.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the 7th International Conference on Data Management Technologies and Applications, DATA 2018, held in Porto, Portugal, in July 2018. The 9 revised full papers were carefully reviewed and selected from 69 submissions. The papers deal with the following topics: databases, big data, data mining, data management, data security, and other aspects of information systems and technology involving advanced applications of data.