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Autore	Ravanmehr Reza
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Nota di contenuto	Intro -- Preface -- Aims and Scope -- Main Emphasis -- Target Audience -- Prerequisites -- Short Summary -- Acknowledgements -- Contents -- About the Authors -- Chapter 1: Introduction to Session-Based Recommender Systems -- 1.1 Introduction -- 1.2 Recommender Systems -- 1.3 Fundamentals of Session-Based Recommender Systems -- 1.3.1 Basic Concepts of SBRS -- 1.3.2 Challenges of SBRS -- 1.3.3 Session-Based vs. Sequential vs. Session-Aware Recommender Systems -- 1.4 Session-Based Recommender System Approaches -- 1.4.1 Traditional SBRS -- 1.4.1.1 Pattern/Rule Mining -- 1.4.1.2 K-Nearest Neighbors -- 1.4.1.3 Markov Chain -- 1.4.1.4 Generative Probabilistic Model -- 1.4.1.5 Latent Representation -- 1.4.2 Deep Learning SBRS -- 1.5 Conclusion -- References -- Chapter 2: Deep Learning Overview -- 2.1 Introduction -- 2.2 Fundamentals of Deep Learning -- 2.2.1 History of Deep Learning -- 2.2.2 AI, ML, and DL -- 2.2.3 Advantages of Deep Learning -- 2.2.4 General Process of Deep Learning-Based Solutions -- 2.2.5 Taxonomy of Deep Learning Models -- 2.3 Deep Discriminative Models -- 2.3.1 Multilayer Perceptron -- 2.3.2 Convolutional Neural Network -- 2.3.3 Recurrent Neural Network -- 2.3.3.1 LSTM -- 2.3.3.2 GRU -- 2.4 Deep Generative Models -- 2.4.1 Autoencoders -- 2.4.1.1 Sparse Autoencoder -- 2.4.1.2 Denoising Autoencoder -- 2.4.1.3 Contractive Autoencoder -- 2.4.1.4 Convolutional Autoencoder -- 2.4.1.5 Variational Autoencoder -- 2.4.2

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