

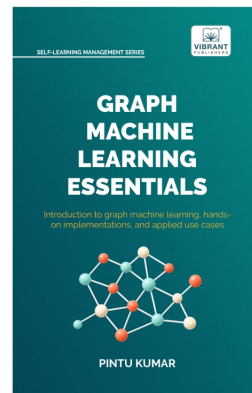
Vibrant Publishers Releases 'Graph Machine Learning Essentials' to Help Readers Master AI on Connected Data

Author Pintu Kumar bridges the gap between theory and practice with a hands-on guide to graph machine learning.

BROOMFIELD, CO, UNITED STATES, August 11, 2026 /EINPresswire.com/ -- Vibrant Publishers is pleased to announce the official release of [Graph Machine Learning Essentials](#), a practical guide that helps students, software engineers, machine learning practitioners, researchers, and data scientists build a strong foundation in graph machine learning and apply it to real-world problems. The book is now available on [Amazon](#) and at www.vibrantpublishers.com.

As graph machine learning becomes more widely adopted across research and industry, the need for resources that balance theory with practical implementation continues to grow. Yet many existing books assume advanced knowledge of the subject, while online tutorials often focus on code rather than concepts.

Graph Machine Learning Essentials was written to bridge this gap. The book provides a balanced introduction to graph machine learning by combining strong conceptual foundations with practical implementation. Readers are guided from the fundamentals of graph data and graph representations to graph embeddings, graph neural networks (GNNs), advanced GNN



FRONT COVER



BACK COVER

Book cover of Graph Machine Learning Essentials by Pintu Kumar



PINTU KUMAR

Pintu Kumar, author of Graph Machine Learning Essentials by Vibrant Publishers

architectures, and real-world applications. Throughout the book, clear explanations are paired with practical examples and code snippets to help readers understand not only how graph machine learning methods work but also why they work.

Designed for self-paced learning, each chapter begins with clear learning objectives and concludes with concise summaries and end-of-chapter quizzes, while online resources provide programming exercises, and additional quizzes for hands-on learning and extended practice.

Two appendices introduce foundational machine learning concepts and PyTorch Geometric, giving readers the background needed to confidently explore graph machine learning.

Reflecting on the motivation behind the book, author [Pintu Kumar](#) explains that graph machine learning is transforming how connected data is analyzed, yet the subject often feels inaccessible because of its complexity. Through this book, he aims to simplify graph machine learning and equip readers with the knowledge and confidence to apply these techniques in practice.

Early readers have praised the book's balance of theory and implementation. Lucas Cabral, AI Engineer & Data Scientist, says, "Graph Machine Learning Essentials delivers a practical and technically grounded introduction to modern Graph ML, effectively connecting foundational graph concepts with real-world AI implementation workflows," while Dymitr Nowicki, Ph.D. in Computer Science and Applied Mathematics at Selecton Technologies Inc., describes it as "a compact, practical guide for engineers who want a quick start in Graph ML, covering key methods, tasks, applications, and implementation pathways," and considers it "a valuable handbook for navigating modern Graph ML concepts and real-world pipelines."

Graph Machine Learning Essentials is now available on Amazon and at www.vibrantpublishers.com in paperback, hardcover, and ebook formats. The book is part of Vibrant Publishers' Self-Learning Management Series.

About the Author

Pintu Kumar is a graph machine learning specialist and a Ph.D. scholar in the Department of Industrial Engineering & Operations Research at IIT Bombay. A recipient of the Prime Minister's Research Fellowship (PMRF) and the CSIR Junior Research Fellowship (JRF), he is passionate about making graph machine learning accessible through practical, hands-on learning.

About the Self-Learning Management Series

The Self-Learning Management Series offers compact, approachable books on key areas of business, including production and operations management, strategic planning, workplace culture, and more. Each title blends fundamentals, recognized frameworks, and practical applications in a format that supports independent learning.

About Vibrant Publishers

Vibrant Publishers is a Colorado-based book publishing house founded in 2001 that focuses on publishing high-quality books for entrepreneurs, IT professionals, management professionals, and graduate students. Vibrant Publishers has redefined the way in which rich content can be made available to today's fast-paced generation. This new generation's need-to-know-now attitude and a highly competitive business environment have triggered this series of books with

'just the essential information'. Vibrant Publishers is committed to publishing books that are content-rich, concise, and approachable, enabling more people to read and benefit from them.

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