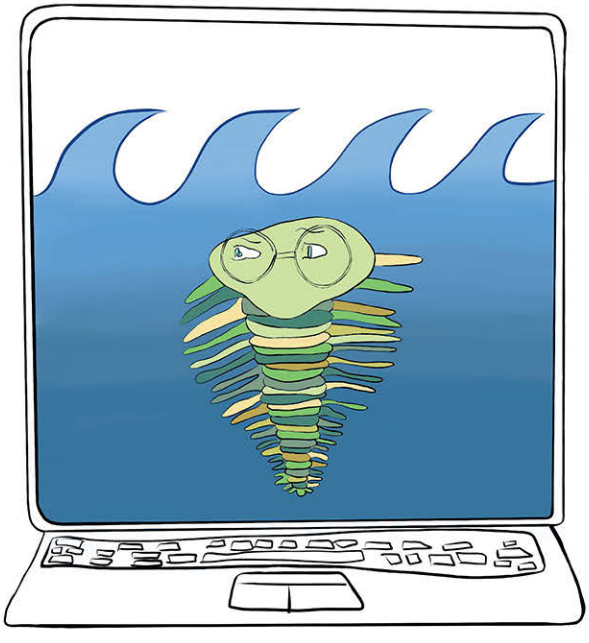
ADDISON WESLEY DATA & ANALYTICS SERIES

DEEP LEARNING ILLUSTRATED

A Visual, Interactive Guide to Artificial Intelligence



JON KROHN

with **GRANT BEYLEVELD** *and* **AGLAÉ BASSENS**

Praise for *Deep Learning Illustrated*

"Over the next few decades, artificial intelligence is poised to dramatically change almost every aspect of our lives, in large part due to today's breakthroughs in deep learning. The authors' clear visual style provides a comprehensive look at what's currently possible with artificial neural networks as well as a glimpse of the magic that's to come."
—*Tim Urban, writer and illustrator of Wait But Why*

"This book is an approachable, practical, and broad introduction to deep learning, and the most beautifully illustrated machine learning book on the market."
—*Dr. Michael Osborne, Dyson Associate Professor in Machine Learning, University of Oxford*

"This book should be the first stop for deep learning beginners, as it contains lots of concrete, easy-to-follow examples with corresponding tutorial videos and code notebooks. Strongly recommended."
—*Dr. Chong Li, cofounder, Nakamoto & Turing Labs; adjunct professor, Columbia University*

"It's hard to imagine developing new products today without thinking about enriching them with capabilities using machine learning. Deep learning in particular has many practical applications, and this book's intelligible clear and visual approach is helpful to anyone who would like to understand what deep learning is and how it could impact your business and life for years to come."
—*Helen Altshuler, engineering leader, Google*

Deep Learning Illustrated: A Visual, Interactive Guide to Artificial Intelligence

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