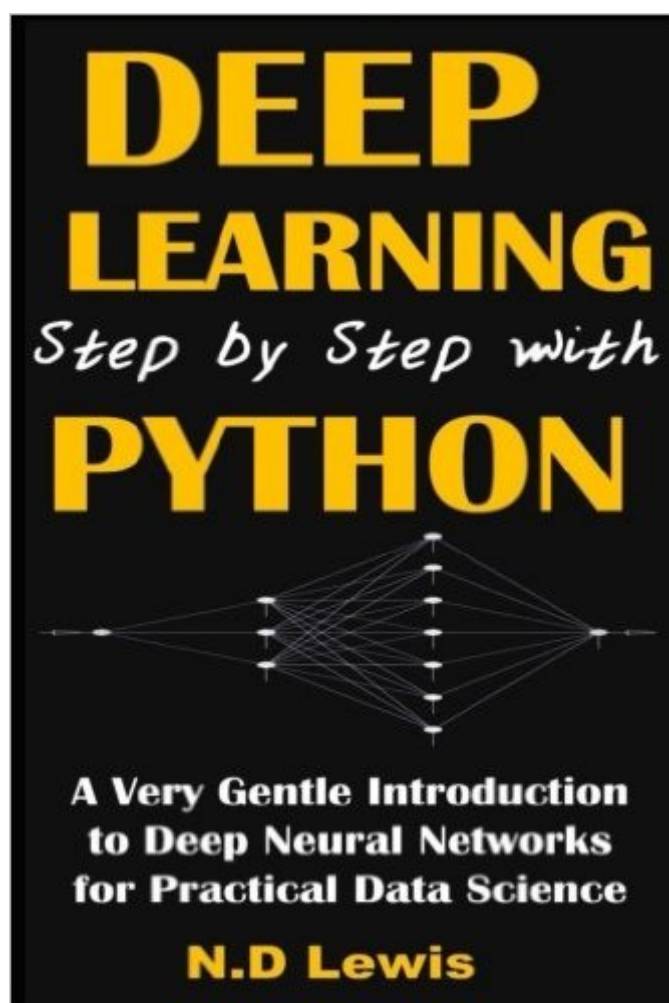# Deep Learning Step By Step With Python: A Very Gentle Introduction To Deep Neural Networks For Practical Data Science

Synopsis

Finally! Deep Neural Networks Simplified with Python Deep Learning Step by Step with Python takes you on a gentle, fun and unhurried journey to building your own deep neural network models in Python. Using plain English, it offers an intuitive, practical, non-mathematical, easy to follow guide to the most successful ideas, outstanding techniques and usable solutions available to the data scientist for deep neural networks using Python.   NO EXPERIENCE REQUIRED This book is designed to be accessible - Iâ ™m assuming you never did like linear algebra, donâ ™t want to see things derived, dislike complicated computer code, and youâ ™re here because you want to see deep neural networks explained in plain English, and try them out for yourself. It is so straightforward and easy to follow even your ten year old nephew (who dislikes math) can understand it!   THIS BOOK IS FOR YOU IF YOU WANT: Explanations rather than mathematical derivation Real world applications that make sense. Illustrations to deepen your understanding. Worked examples in Python you can easily follow and immediately implement. Ideas you can actually use and try on your own data.   QUICK AND EASY: Bestselling Data Scientist Dr. N.D Lewis shows you the shortcut up the steep steps to the very top. It's easier than you think. Through a simple to follow process you will learn how to build deep neural network models with Python. Once you have mastered the process, it will be easy for you to translate your knowledge into your own powerful data science applications.   YOU'LL LEARN HOW TO: Unleash the power of Deep Neural Networks for effective forecasting.   Develop hands on solutions for binary classification. Design successful applications for multi-class problems.   Master techniques for efficient model construction. Fine tune deep networks to boost, accelerate, and transform predictive performance. Build Deep Learning Models Faster! Everything you need to get started is contained within this book. Deep Learning Step by Step with Python is your very own hands on practical, tactical, easy to follow guide to mastery   Buy this book today your next big breakthrough using deep neural networks is only a page away!

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Customer Reviews

Way to simple. Virtually nothing to do with python. Not any better then a blog post.

a bit high price for 'DNNs are cool' slogan...

I downloaded the sample but it only shows the table of contents and a very puffy introduction. Expected to see mentions of RBM, autoencoder, LSTM, etc. but you won't find any of that in there. Appears to be a far-overreaching title for a possibly useful introductory work covering some basic ML/neural net concepts from an accessible programmer-oriented point of view. If that's your game then I highly recommend Rashid's "Make your own neural network" followed by Raschka's "Python machine learning" instead. Neither of those cover deep learning either, but at least they have honest titles.

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