



Make Your Own Neural Network

Tariq Rashid

Download now

[Click here](#) if your download doesn't start automatically

Make Your Own Neural Network

Tariq Rashid

Make Your Own Neural Network Tariq Rashid

A gentle journey through the mathematics of neural networks, and making your own using the Python computer language. Neural networks are a key element of deep learning and artificial intelligence, which today is capable of some truly impressive feats. Yet too few really understand how neural networks actually work. This guide will take you on a fun and unhurried journey, starting from very simple ideas, and gradually building up an understanding of how neural networks work. You won't need any mathematics beyond secondary school, and an accessible introduction to calculus is also included. The ambition of this guide is to make neural networks as accessible as possible to as many readers as possible - there are enough texts for advanced readers already! You'll learn to code in Python and make your own neural network, teaching it to recognise human handwritten numbers, and performing as well as professionally developed networks. Part 1 is about ideas. We introduce the mathematical ideas underlying the neural networks, gently with lots of illustrations and examples. Part 2 is practical. We introduce the popular and easy to learn Python programming language, and gradually builds up a neural network which can learn to recognise human handwritten numbers, easily getting it to perform as well as networks made by professionals. Part 3 extends these ideas further. We push the performance of our neural network to an industry leading 98% using only simple ideas and code, test the network on your own handwriting, take a privileged peek inside the mysterious mind of a neural network, and even get it all working on a Raspberry Pi. All the code in this has been tested to work on a Raspberry Pi Zero.

 [Download Make Your Own Neural Network ...pdf](#)

 [Read Online Make Your Own Neural Network ...pdf](#)

Download and Read Free Online Make Your Own Neural Network Tariq Rashid

From reader reviews:

Ward Bishop:

Information is provisions for people to get better life, information these days can get by anyone from everywhere. The information can be a information or any news even a huge concern. What people must be consider while those information which is inside the former life are challenging to be find than now is taking seriously which one would work to believe or which one the particular resource are convinced. If you find the unstable resource then you buy it as your main information we will see huge disadvantage for you. All those possibilities will not happen inside you if you take Make Your Own Neural Network as the daily resource information.

Jorge Raines:

Often the book Make Your Own Neural Network will bring you to the new experience of reading some sort of book. The author style to explain the idea is very unique. In case you try to find new book to learn, this book very appropriate to you. The book Make Your Own Neural Network is much recommended to you to learn. You can also get the e-book from official web site, so you can more easily to read the book.

Lonnie Fazio:

Make Your Own Neural Network can be one of your nice books that are good idea. Most of us recommend that straight away because this book has good vocabulary that could increase your knowledge in vocabulary, easy to understand, bit entertaining however delivering the information. The article writer giving his/her effort to set every word into joy arrangement in writing Make Your Own Neural Network but doesn't forget the main stage, giving the reader the hottest and based confirm resource info that maybe you can be certainly one of it. This great information could drawn you into brand-new stage of crucial considering.

Jordan Moore:

You could spend your free time to study this book this publication. This Make Your Own Neural Network is simple to deliver you can read it in the recreation area, in the beach, train along with soon. If you did not include much space to bring the printed book, you can buy often the e-book. It is make you simpler to read it. You can save the book in your smart phone. Therefore there are a lot of benefits that you will get when you buy this book.

Download and Read Online Make Your Own Neural Network Tariq Rashid #H8EUPX1OICV

Read Make Your Own Neural Network by Tariq Rashid for online ebook

Make Your Own Neural Network by Tariq Rashid Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Make Your Own Neural Network by Tariq Rashid books to read online.

Online Make Your Own Neural Network by Tariq Rashid ebook PDF download

Make Your Own Neural Network by Tariq Rashid Doc

Make Your Own Neural Network by Tariq Rashid Mobipocket

Make Your Own Neural Network by Tariq Rashid EPub