



Practical Machine Learning: A New Look at Anomaly Detection

By Ted Dunning, Ellen Friedman

O'Reilly Media, Inc, USA. Paperback. Book Condition: new. BRAND NEW, Practical Machine Learning: A New Look at Anomaly Detection, Ted Dunning, Ellen Friedman, Anomaly detection is the detective work of machine learning: finding the unusual, catching the fraud, discovering strange activity in large and complex datasets. But, unlike Sherlock Holmes, you may not know what the puzzle is, much less what "suspects" you're looking for. This O'Reilly report uses practical examples to explain how the underlying concepts of anomaly detection work. From banking security to natural sciences, medicine, and marketing, anomaly detection has many useful applications in this age of big data. And the search for anomalies will intensify once the Internet of Things spawns even more new types of data. The concepts described in this report will help you tackle anomaly detection in your own project. Use probabilistic models to predict what's normal and contrast that to what you observe Set an adaptive threshold to determine which data falls outside of the normal range, using the t-digest algorithm Establish normal fluctuations in complex systems and signals (such as an EKG) with a more adaptive probabilistic model Use historical data to discover anomalies in sporadic event streams, such as web...



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Absolutely among the finest book We have at any time read through. We have read through and that i am sure that i will going to read once more again later on. I found out this book from my i and dad suggested this book to find out.

-- Alford McClure

I actually started reading this article ebook. It is actually packed with knowledge and wisdom Its been printed in an remarkably simple way and it is only after i finished reading this pdf where in fact modified me, alter the way i believe.

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