

Machine Learning Projects for .NET Developers shows you how to build smarter .NET applications that learn from data, using simple algorithms and techniques that can be applied to a wide range of real-world problems. You'll code each project in the familiar setting of Visual Studio, while the machine learning logic uses F#, a language ideally suited to machine learning applications in .NET. If you're new to F#, this book will give you everything you need to get started. If you're already familiar with F#, this is your chance to put the language into action in an exciting new context. In a series of fascinating projects, you'll learn how to:

- Build an optical character recognition (OCR) system from scratch
- Code a spam filter that learns by example
- Use F#'s powerful type providers to interface with external resources (in this case, data analysis tools from the R programming language)
- Transform your data into informative features, and use them to make accurate predictions
- Find patterns in data when you don't know what you're looking for
- Predict numerical values using regression models
- Implement an intelligent game that learns how to play from experience

Along the way, you'll learn fundamental ideas that can be applied in all kinds of real-world contexts and industries, from advertising to finance, medicine, and scientific research. While some machine learning algorithms use fairly advanced mathematics, this book focuses on simple but effective approaches. If you enjoy hacking code and data, this book is for you. What you'll learn

- Learn vocabulary and landscape of machine learning
- Recognize patterns in problems and how to solve them
- Learn simple prediction algorithms and how to apply them
- Develop, diagnose and tune your models
- Write elegant, efficient and bug-free functional code with F#

Who this book is for: Machine Learning Projects for .NET Developers is for intermediate to advanced .NET developers who are comfortable with C#. No prior experience of machine learning techniques is required. If you're new to F#, you'll find everything you need to get started. If you're already familiar with F#, you'll find a wealth of new techniques here to interest and inspire you. While some machine learning algorithms use fairly advanced mathematics, this book focuses on simple but effective approaches and how they can be used in actual code. If you enjoy hacking code and data, this book is for you.

Wittgenstein: A Life : Young Ludwig, 1889-1921, The Better Angels, Living Stones, The art of interior design : a text in the aesthetics of interior design,, On economic development strategic environment(Chinese Edition), Census Catalog and Guide, 1995, Chinese TV advertising business model innovation research, DESTINY, Haptic Interaction with Deformable Objects: Modelling VR Systems for Textiles (Springer Series on Touch and Haptic Systems), Cronache degli Dei: La Genesi Divina Aliena (Italian Edition),

Introduction. If you are holding this book, I have to assume that you are thepepesplace.com developer interested in machine learning. You are probably comfortable with.

Contribute to mathias-brandewinder/machine-learning-projects-for-dot-net- developers development by creating an account on GitHub. Machine Learning Projects thepepesplace.com Developers shows you how to build smarter. NET applications that learn from data, using simple algorithms and.

NET. thepepesplace.com is a free, cross-platform, open source machine learning framework made specifically thepepesplace.com developers. Develop and integrate custom machine. If you are working on machine learning projects in the real world you live and die by Python. Over the years, the Python ecosystem has slowly. NET F# language can be used for machine learning. common, but at the same time so unknown, even if you're an experienced developer?

. Once it's finished creating the project, Visual Studio will open a file called. There are a lot of tools out there for machine learning tasks. It's actually a useful framework for running machine learning projects. NET developer is at a disadvantage when acquiring machine learning skills because of.

Machine Learning as a concept or term is fairly known in the tech world now. Are you keeping up with new developer technologies? NET Core, MVC, Azure, Angular, React, and more. .. 1) Projects: This is like any other project in Visual Studio that will have all the required nuts and bolts for you to.

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