

1. Record Nr.	UNINA9910796862703321
Autore	Tang Jeff
Titolo	Intelligent mobile projects with TensorFlow : build 10+ artificial intelligence apps using TensorFlow mobile and Lite for iOS, android, and raspberry Pi // Jeff Tang
Pubbl/distr/stampa	Birmingham ; ; Mumbai : , : Packt Publishing, , 2018
ISBN	1-78862-880-2
Edizione	[1st edition]
Descrizione fisica	1 online resource (1 volume) : illustrations
Disciplina	794.81526
Soggetti	Raspberry Pi (Computer) - Programming
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Create Deep Learning and Reinforcement Learning apps for multiple platforms with TensorFlow About This Book Build TensorFlow-powered AI applications for mobile and embedded devices Learn modern AI topics such as computer vision, NLP, and deep reinforcement learning Get practical insights and exclusive working code not available in the TensorFlow documentation Who This Book Is For If you're an iOS/Android developer interested in building and retraining others' TensorFlow models and running them in your mobile apps, or if you're a TensorFlow developer and want to run your new and amazing TensorFlow models on mobile devices, this book is for you. You'll also benefit from this book if you're interested in TensorFlow Lite, Core ML, or TensorFlow on Raspberry Pi. What You Will Learn Classify images with transfer learning Detect objects and their locations Transform pictures with amazing art styles Understand simple speech commands Describe images in natural language Recognize drawing with Convolutional Neural Network and Long Short-Term Memory Predict stock price with Recurrent Neural Network in TensorFlow and Keras Generate and enhance images with generative adversarial networks Build AlphaZero-like mobile game app in TensorFlow and Keras Use TensorFlow Lite and Core ML on mobile Develop TensorFlow apps on Raspberry Pi that can move, see, listen, speak, and learn In Detail As a developer, you always need to keep an eye out and be ready for what

will be trending soon, while also focusing on what's trending currently. So, what's better than learning about the integration of the best of both worlds, the present and the future? Artificial Intelligence (AI) is widely regarded as the next big thing after mobile, and Google's TensorFlow is the leading open source machine learning framework, the hottest branch of AI. This book covers more than 10 complete iOS, Android, and Raspberry Pi apps powered by TensorFlow and built from scratch, running all kinds of cool TensorFlow models offline on-device: from computer vision, speech and language processing to generative adversarial networks and AlphaZero-like deep reinforcement learning. You'll learn how to use or retrain existing TensorFlow models, build your own models, and develop intelligent mobile apps running those TensorFlow models. You'll learn how to quickly build such apps with step-by-step tutorials and how to avoid many pitfalls in the process with lots of hard-earned troubleshooting tips. Style and a...

2. Record Nr.	UNINA9910795622303321
Autore	Lamdan Sarah
Titolo	Data Cartels : The Companies That Control and Monopolize Our Information // Sarah Lamdan
Pubbl/distr/stampa	Stanford, California : , : Stanford University Press, , [2023] ©2023
ISBN	1-5036-3372-1
Edizione	[First edition.]
Descrizione fisica	1 online resource (227 pages)
Classificazione	AK 54325
Disciplina	343.730999
Soggetti	Antitrust law - United States Cartels - United States Data protection - Law and legislation - United States Freedom of information - United States Information services industry - Law and legislation - United States Information services industry - Social aspects - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references (pages 145-195) and index.

Nota di contenuto

Introduction : the data cartels : an overview -- Data brokering -- Academic research -- Legal information -- Financial information -- News -- Conclusion : envisioning public information as a public good.

Sommario/riassunto

"In our digital world, data is power, and information hoarders reign supreme. The practices of these digital pillagers are analogous to those of cartels--they use intimidation, aggression, and force to maintain control and power. Sarah Lamdan brings us into the unregulated underworld of the "data cartels," demonstrating how the entities mining, hoarding, commodifying, and selling our data and informational resources perpetuate social inequalities and threaten the democratic sharing of knowledge. The companies at the center of this book are not household names like Google. They fly under the radar and self-identify as "data analytics" or "business solutions" operations. These companies supply the digital lifeblood that flow through the circulatory system of the internet. With their control over data, they can prevent the free flow of information to places where it is needed, and simultaneously distribute private information to predatory entities. Just a few companies dominate most of our critical informational resources, from scientific research and financial data to the law. They are also data brokers, selling our personal data to law enforcement and other government agencies that determine whether we should be eligible for social services, and they sell "risk" products that insurance companies, employers, landlords, and healthcare systems use to make decisions. Alarmingly, everything they're doing is perfectly legal. Ranging from small information firms to billion-dollar data giants like Thomson Reuters and RELX Group, these companies masterfully exploit outdated information and privacy laws, curating online information in a way that amplifies digital racism and targets marginalized communities. In this book, Lamdan contends that privatization and tech exceptionalism have prevented us from creating effective legal regulation. Lack of legal intervention has allowed oversized information oligopolies to coalesce. In addition to specific legal and market-based solutions, Lamdan calls for treating information like a public good and creating digital infrastructure that supports our democratic ideals"--