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Titolo	Cognitive computing recipes : artificial intelligence solutions using Microsoft cognitive services and Tensorflow / / Adnan Masood and Adnan Hashmi ; foreword by Matt Winkler
Pubbl/distr/stampa	Berkeley, CA : , : Apress Media, , [2019]
ISBN	9781484241066 1484241061 1484241053
Descrizione fisica	1 online resource (xxvi, 417 pages) : illustrations
Disciplina	006.3
Soggetti	Soft computing Machine learning Artificial intelligence Microsoft software Microsoft .NET Framework Open source software Computer programming Artificial Intelligence Microsoft and .NET Open Source
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: Democratization of AI using Cognitive Services -- Chapter 2: Building Conversational Interfaces -- Chapter 3: Seeing is Believing – Custom Vision -- Chapter 4: Text Analytics – The Dark Data Frontier -- Chapter 5: Cognitive RPA – Automate This ! -- Chapter 6: Knowledge Management and Intelligent Search -- Chapter 7: Predictive Analytics in Operations -- Chapter 8: AI use cases in Industry.
Sommario/riassunto	Solve your AI and machine learning problems using complete and real-world code examples. Using a problem-solution approach, this book makes deep learning and machine learning accessible to everyday developers, by providing a combination of tools such as cognitive

services APIs, machine learning platforms, and libraries. Along with an overview of the contemporary technology landscape, Machine Learning and Deep Learning with Cognitive Computing Recipes covers the business case for machine learning and deep learning. Covering topics such as digital assistants, computer vision, text analytics, speech, and robotics process automation this book offers a comprehensive toolkit that you can apply quickly and easily in your own projects. With its focus on Microsoft Cognitive Services offerings, you'll see recipes using multiple different environments including TensorFlow and CNTK to give you a broader perspective of the deep learning ecosystem. You will:

- Build production-ready solutions using Microsoft Cognitive Services APIs
- Apply deep learning using TensorFlow and Microsoft Cognitive Toolkit (CNTK)
- Solve enterprise problems in natural language processing and computer vision
- Discover the machine learning development life cycle – from formal problem definition to deployment at scale.
