

1. Record Nr.	UNINA9910502632703321
Autore	Price Ed
Titolo	Hands-on Azure Cognitive Services : Applying AI and Machine Learning for Richer Applications // by Ed Price, Adnan Masood, Gaurav Aroraa
Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2021
ISBN	9781484272497 1484272498
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (376 pages)
Disciplina	005.1068
Soggetti	Microsoft software Microsoft .NET Framework Machine learning Artificial intelligence Microsoft Machine Learning Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: The Power of Cognitive Services -- Chapter 2: The Azure Portal for Cognitive Services -- Chapter 3: Vision – Identify and Analyze Images and Videos -- Chapter 4: Language – Understand Unstructured Text and Models -- Chapter 5: Speech – Talk to Your Application -- Chapter 6: Decision – Make Smarter Decisions in Your Applications -- Chapter 7: Search – Add Search Capabilities to Your Application -- Chapter 8: Deploy and Host Services Using Containers -- Chapter 9: Azure Bot Services -- Chapter 10: Azure Machine Learning.
Sommario/riassunto	Use this hands-on guide book to learn and explore cognitive APIs developed by Microsoft and provided with the Azure platform. This book gets you started working with Azure Cognitive Services. You will not only become familiar with Cognitive Services APIs for applications, but you will also be exposed to methods to make your applications intelligent for deployment in businesses. The book starts with the basic concepts of Azure Cognitive Services and takes you through its features and capabilities. You then learn how to work inside the Azure

Marketplace for Bot Services, Cognitive Services, and Machine Learning. You will be shown how to build an application to analyze images and videos, and you will gain insight on natural language processing (NLP). Speech Services and Decision Services are discussed along with a preview of Anomaly Detector. You will go through Bing Search APIs and learn how to deploy and host services by using containers. And you will learn how to use Azure Machine Learning and create bots for COVID-19 safety, using Azure Bot Service. After reading this book, you will be able to work with datasets that enable applications to process various data in the form of images, videos, and text. You will:

- Discover the options for training and operationalizing deep learning models on Azure
- Be familiar with advanced concepts in Azure ML and the Cortana Intelligence Suite architecture
- Understand software development kits (SKDs)
- Deploy an application to Azure Kubernetes Service.
