1. Record Nr.   UNINA9910136206103321

   Autore   Aitken Rosemary

   Titolo   The Blacksmith's Girl : A World War I Cornish romance

   Pubbl/distr/stampa   Sutton : , : Severn House Publishers, Limited, , 2017
                        ©2017

   ISBN   1-78010-830-3

   Descrizione fisica   1 online resource (157 pages)

   Disciplina   823.914

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   Intro -- Table of Contents -- Recent Titles by Rosemary Aitken -- Title
                        Page -- Copyright -- Dedication -- Author Note -- Part One: October
                        1915 -- Chapter One -- Chapter Two -- Chapter Three -- Chapter
                        Four -- Part Two: January 1916 -- Chapter One -- Chapter Two --
                        Chapter Three -- Chapter Four -- Part Three: February 1916 --
                        Chapter One -- Chapter Two -- Chapter Three -- Chapter Four -- Part
                        Four: April - August 1916 -- Chapter One -- Chapter Two -- Chapter
                        Three -- Chapter Four -- Epilogue: October 1919.

   Sommario/riassunto   Cornwall 1916. On the coastal path one evening, Verity witnesses
                        something suspicious on the cliffs which causes her to fear the
                        involvement of German spies. There's only one person she can turn to:
                        Effie, wife of the local police constable, now fighting overseas. But Effie
                        has a tragedy of her own to face, while scandal will rock Verity's family.

2.	Record Nr.	UNINA9910805579603321
	Autore	Toennies Klaus D
	Titolo	An Introduction to Image Classification : From Designed Models to End-to-End Learning / / by Klaus D. Toennies
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
	ISBN	981-9978-82-3
	Edizione	[1st ed. 2024.]
	Descrizione fisica	1 online resource (297 pages)
	Disciplina	006.37
	Soggetti	Computer vision
		Machine learning
		Pattern recognition systems
		Biometric identification
		Artificial intelligence - Data processing
		Computer Vision
		Machine Learning
		Automated Pattern Recognition
		Biometrics
		Data Science
		Visió per ordinador
		Aprenentatge automàtic
		Reconeixement de formes (Informàtica)
		Identificació biomètrica
		Processament de dades
		Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1. Image Classification – A Computer Vision Task -- Chapter 2. Image Features – Extraction and Categories -- Chapter 3. Feature Reduction -- Chapter 4. Bayesian Image Classification in Feature Space -- Chapter 5. Distance-based Classifiers -- Chapter 6. Decision Boundaries in Feature Space -- Chapter 7. Multi-layer Perceptron for Image Classification -- Chapter 8. Feature Extraction by Convolutional

Neural Network -- Chapter 9. Network Set-up for Image Classification -- Chapter 10. Basic Network Training for Image Classification -- Chapter 11. Dealing with Training Deficiencies -- Chapter 12. Learning Effects and Network Decisions.

Sommario/riassunto	Image classification is a critical component in computer vision tasks and has numerous applications. Traditional methods for image classification involve feature extraction and classification in feature space. Current state-of-the-art methods utilize end-to-end learning with deep neural networks, where feature extraction and classification are integrated into the model. Understanding traditional image classification is important because many of its design concepts directly correspond to components of a neural network. This knowledge can help demystify the behavior of these networks, which may seem opaque at first sight. The book starts from introducing methods for model-driven feature extraction and classification, including basic computer vision techniques for extracting high-level semantics from images. A brief overview of probabilistic classification with generative and discriminative classifiers is then provided. Next, neural networks are presented as a means to learn a classification model directly from labeled sample images, with individual components of the network discussed. The relationships between network components and those of a traditional designed model are explored, and different concepts for regularizing model training are explained. Finally, various methods for analyzing what a network has learned are covered in the closing section of the book. The topic of image classification is presented as a thoroughly curated sequence of steps that gradually increase understanding of the working of a fully trainable classifier. Practical exercises in Python/Keras/Tensorflow have been designed to allow for experimental exploration of these concepts. In each chapter, suitable functions from Python modules are briefly introduced to provide students with the necessary tools to conduct these experiments.