

1. Record Nr.	UNINA9911009334903321
Autore	Choudhury Tanupriya
Titolo	Machine Learning for Disease Detection, Prediction, and Diagnosis : Challenges and Opportunities / / edited by Tanupriya Choudhury, Avita Katal
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9642-41-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (480 pages)
Collana	Medicine Series
Altri autori (Persone)	KatalAvita
Disciplina	610.285631
Soggetti	Medicine, Preventive Health promotion Diseases Diseases - Animal models Machine learning Health Promotion and Disease Prevention Disease Models Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 Introduction to machine learning and Image Processing for disease detection -- Chapter 2 Comparative Study of Various Deep Learning Methods for Prediction of Disease -- Chapter 3 Introduction to deep learning for disease prediction -- Chapter 4 A survey of image classification techniques for the prediction of diseases -- Chapter 5 Prediction of disease related to heart by using different techniques: A survey -- Chapter 6 Automated Plant Disease Diagnosis with Machine Learning -- Chapter 7 Exploring Disease Prediction Techniques through Data Mining: A Comprehensive Overview -- Chapter 8 Detection of Parkinson's disease using different machine learning techniques: A comparative analysis -- Chapter 9 Kidney Disease Prediction by Machine Learning Techniques -- Chapter 11 Prediction of Diabetes by using the different machine learning algorithms -- Chapter 12 Investigation of Machine Learning Algorithms in detecting Chronic Kidney Disorder -- Chapter 13 Skin Disease Prediction using machine

learning techniques -- Chapter 14 A Comparative Study of Different Machine Learning Techniques for Skin Disease Detection -- Chapter 15 Leveraging MLP-Mixer for Improved Melanoma Diagnosis Using Skin Lesion Images -- Chapter 16 Application of AI to detect Brain Tumors -- Chapter 17 Revolutionizing Brain Tumor Detection: Unleashing the Power of Artificial Intelligence -- Chapter 18 Disease detection and diagnosis using artificial intelligence techniques for sustainable economic growth -- Chapter 19 Developing a COVID-19 Prediction Kit Using Machine Learning -- Chapter 20 Plant Disease Detection: Comprehensive Review of Methods and Techniques.

Sommario/riassunto

The book "Machine Learning for Disease Detection, Prediction, and Diagnosis" can be a comprehensive guide to the novel concepts, techniques, and frameworks essential for improving the viability of existing machine-learning practices. It provides an in-depth analysis of how these new technologies are helpful to detect, predict and diagnose diseases more accurately. The book covers various topics such as image classification algorithms, supervised learning methods like support vector machines (SVM), deep neural networks (DNNs), convolutional neural networks (CNNs), etc. unsupervised approaches such as clustering algorithms as well as reinforcement learning strategies. This book is an invaluable resource for anyone interested in machine-learning applications related to disease detection or diagnosis. It explains different concepts and provides practical examples of how they can be implemented using real-world data sets from medical imaging datasets or public health records databases, among others. Furthermore, it offers insights into recent advances made by researchers which have enabled automated decision-making systems based on AI models with improved accuracy over traditional methods. This text also discusses ways through which current models could improve further by incorporating domain knowledge during the model training phase, thereby increasing their efficacy even further.

2. Record Nr.	UNINA9910960622103321
Autore	Carrier Neil C. M
Titolo	Kenyan khat : the social life of a stimulant / / by Neil C.M. Carrier
Pubbl/distr/stampa	Leiden ; ; Boston, : Brill, 2007
ISBN	1-281-92106-8 9786611921064 90-474-1914-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (304 p.)
Collana	African social studies series, , 1568-1203 ; ; v. 15
Disciplina	362.29/9
Soggetti	Khat Khat - Kenya Drug traffic - Kenya Drug control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [261] - 266) and index.
Nota di contenuto	Preliminary Materials / N Carrier -- Introduction / N Carrier -- Chapter One. Cultivating Miraa In The Nyambene Hills / N Carrier -- Chapter Two. From Mutuati To Manchester: Miraa's Trajectories / N Carrier -- Chapter Three. Transporting Miraa / N Carrier -- Chapter Four. Bargaining Over Bundles / N Carrier -- Chapter Five. Trust, Suspicion And Conflict In Miraa Trade Relations / N Carrier -- Chapter Six. Chewing / N Carrier -- Chapter Seven. Miraa And The War On Drugs / N Carrier -- Conclusion / N Carrier -- Glossary / N Carrier -- Bibliography / N Carrier -- Index / N Carrier.
Sommario/riassunto	This book provides a richly detailed ethnography of Kenyan khat, tracing some of the many national and transnational trajectories this controversial stimulant takes from its centre of production in the Nyambene Hills to consumers in Kenya and throughout the world. The author, guided by his friend and khat connoisseur M'Mucheke, draws out the full economic, social and cultural significance of the substance, situating this significance within current debates on the legality of khat and the global rhetoric of the 'war on drugs'. The work explores how networks of Kenyan khat bring people of diverse backgrounds together in sometimes uneasy relationships, and highlights the vast cluster of

meanings this remarkable commodity has accrued in its 'social life'.
