1.	Record Nr.	UNINA9910959033903321
	Titolo	Crossing the borders : new methods and techniques in the study of archaeological materials from the Caribbean / / edited by Corinne L. Hofman, Menno L.P. Hoogland, and Annelou L. van Gijn
	Pubbl/distr/stampa	Tuscaloosa, : University of Alabama Press, c2008
	ISBN	0-8173-8196-1
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (308 p.)
	Collana	Caribbean archaeology and ethnohistory
	Altri autori (Persone)	HofmanCorinne Lisette <1959-> HooglandMenno Lambertus Pieter <1954-> GijnAnnelou L. van <1954->
	Disciplina	972.9/01072
	Soggetti	Indians of the West Indies - Antiquities Excavations (Archaeology) - West Indies Archaeology - West Indies - Methodology West Indies Antiquities Congresses
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Outcome of a symposium held at the 71st Meeting of the Society for American Archaeology in Puerto Rico in April 2006.
	Nota di bibliografia	Includes bibliographical references (p. [233]-284) and index.
	Nota di contenuto	Crossing disciplinary boundaries and national borders : new methods and techniques in the study of archaeological materials from the Caribbean / Corinne L. Hofman, Menno L.P. Hoogland, and Annelou L. van Gijn -- In tuneful threefold : combining conventional archaeological methods, archaeometric techniques, and ethnoarchaeological research in the study of precolonial pottery of the Caribbean / Corinne L. Hofman ... [et al.] -- American gold and European brass : metal objects and indigenous values in the cemetery of El Chorro de Maita, Cuba / Jago Cooper, Marcos Martinon-Torres, and Roberto Valcarcel Rojas -- Chert sourcing in the northern Lesser Antilles : the use of geochemical techniques in discriminating chert materials / Sebastiaan Knippenberg and Johannes J.P. Zijlstra -- A new material to view the past : dental alginate molds of friable artifacts / Charlene Dixon Hutcheson -- Saladoid lapidary technology : new methods for investigating stone bead drilling techniques / Christy de Mille, Tamara Varney, and Michael Turney -- Lithic technology : a way

to more complex diversity in Caribbean archaeology / Benoit Berard -- Tool use and technological choices : an integral approach toward functional analysis of Caribbean tool assemblages / Annelou L. van Gijn, Yvonne Lammers-Keijsers, and Iris Briels -- Understanding the function of coral tools from Anse a la Gourde : an experimental approach / Harold J. Kelly and Annelou L. van Gijn -- The significance of wear and residue studies : an example from Plum Piece, Saba / Channah J. Nieuwenhuis -- Starch residues on lithic artifacts from two contrasting contexts in northwestern Puerto Rico : Los Muertos Cave and Vega de Nelo Vargas farmstead / Jaime R. Pagan Jimenez and Jose R. Oliver -- The buren in precolonial Cuban archaeology : new information regarding the use of plants and ceramic griddles during the late Ceramic Age of eastern Cuba gathered through starch analysis / Roberto Rodriguez Suarez and Jaime R. Pagan Jimenez -- Caribbean paleoethnobotany : present status and new horizons (understanding the evolution of an indigenous ethnobotany) / Lee A. Newsom -- New evidence of two different migratory waves in the circum-Caribbean area during the pre-Columbian period from the analysis of dental morphological traits / Alfredo Coppa ... [et al.] -- Tracing human mobility with 87Sr/86Sr at Anse a la Gourde, Guadeloupe / Mathijs A. Booden ... [et al.] -- Epilogue: The correct answer requires the right question (and the technology to back it up) / William F. Keegan.

| Sommario/riassunto | Explores the application of a selected   number of newly emerging methods and techniques.   During the past few decades, Caribbean scholars on both sides of the Atlantic have increasingly developed and employed new methods and techniques for the study of archaeological materials. The aim of earlier research in the Caribbean was mainly to define typologies on the basis of pottery and lithic assemblages leading to the establishment of chronological charts for the region, and it was not until the 1980's that the use of technological and functional analyses of |

2.	Record Nr.	UNINA9910886099603321
	Autore	Wegner Sven A.
	Titolo	Mathematical Introduction to Data Science / / by Sven A. Wegner
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2024
	ISBN	3-662-69426-3
	Edizione	[1st ed. 2024.]
	Descrizione fisica	1 online resource (301 pages)
	Disciplina	515
	Soggetti	Quantitative research Artificial intelligence - Data processing Data Analysis and Big Data Data Science Anàlisi matemàtica Aprenentatge automàtic Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Preface -- 1 What is Data (Science)? -- 2 Affine Linear, Polynomial and Logistic Regression -- 3 k-nearest Neighbors -- 4 Clustering -- 5 Graph Clustering -- 6 Best-Fit Subspaces -- 7 Singular Value Decomposition -- 8 Curse and Blessing of High Dimensionality -- 9 Concentration of Measure -- 10 Gaussian Random Vectors in High Dimensions -- 11 Dimensionality Reduction à la Johnson-Lindenstrauss -- 12 Separation and Fitting of HIgh-Dimensional Gaussians -- 13 Perceptron -- 14 Support Vector Machines -- 15 Kernel Method -- 16 Neural Networks -- 17 Gradient Descent for Convex Functions -- Appendix: Selected Results of Probability Theory -- Bibliography -- Index.
	Sommario/riassunto	This textbook is intended for students of mathematics who have completed the foundational courses of their undergraduate studies and now want to specialize in Data Science and Machine Learning. It introduces the reader to the most important topics in the latter areas focusing on rigorous proofs and a systematic understanding of the underlying ideas. The textbook comes with 121 classroom-tested

exercises. Topics covered include k-nearest neighbors, linear and logistic regression, clustering, best-fit subspaces, principal component analysis, dimensionality reduction, collaborative filtering, perceptron, support vector machines, the kernel method, gradient descent and neural networks. The author Sven A. Wegner earned his PhD in Functional Analysis in 2010. After several international academic positions, he is currently affiliated with the University of Hamburg (Germany).