

1. Record Nr.	UNINA9910165039703321
Titolo	Use of private educational resources for increase of effectiveness of university education / / guest editor Elena Popkova
Pubbl/distr/stampa	[Bradford, England] : , : Emerald Publishing Limited, , 2017 ©2017
Descrizione fisica	1 online resource (76 pages) : illustrations
Collana	International Journal of Educational Management, , 0951-354X ; ; Volume 31 Number 1
Disciplina	370
Soggetti	Resource programs (Education) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9911007459903321
Autore	Hijab O
Titolo	Math for Data Science // by Omar Hijab
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-89707-2
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (588 pages)
Disciplina	519
Soggetti	Mathematics Artificial intelligence - Data processing Applications of Mathematics Data Science Dades massives Matemàtica Aplicacions industrials Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- List of Figures -- Datasets -- Linear Geometry -- Principal Components -- Calculus -- Probability -- Statistics -- Machine Learning -- A. Auxiliary Material -- B. Auxiliary Files -- References -- Python Index -- Index.
Sommario/riassunto	Math for Data Science presents the mathematical foundations necessary for studying and working in Data Science. The book is suitable for courses in applied mathematics, business analytics, computer science, data science, and engineering. The text covers the portions of linear algebra, calculus, probability, and statistics prerequisite to Data Science. The highlight of the book is the machine learning chapter, where the results of the previous chapters are applied to neural network training and stochastic gradient descent. Also included in this last chapter are advanced topics such as accelerated gradient descent and logistic regression trainability. Clear examples are supported with detailed figures and Python code; Jupyter notebooks and supporting files are available on the author's website. More than 380 exercises and

nine detailed appendices covering background elementary material are provided to aid understanding. The book begins at a gentle pace, by focusing on two-dimensional datasets. As the text progresses, foundational topics are expanded upon, leading to deeper results at a more advanced level.
