

1. Record Nr.	UNINA9910690310503321
Titolo	CDC wonder [[electronic resource] /] / developed by CDC
Pubbl/distr/stampa	[Atlanta, Ga.], : CDC, 1997-
Soggetti	Public health - United States Public Health Communicable Disease Control Information Services Practice Guidelines as Topic Preventive Medicine Practice Guideline United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen.
Sommario/riassunto	Provides a single point of access to a variety of CDC reports, guidelines, and numeric public health data.

2. Record Nr.	UNINA9910483320603321
Autore	Brugiere Pierre
Titolo	Quantitative Portfolio Management : with Applications in Python // by Pierre Brugière
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-37740-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XII, 205 p. 23 illus., 22 illus. in color.)
Collana	Springer Texts in Business and Economics, , 2192-4341
Disciplina	332.6
Soggetti	Social sciences—Mathematics Statistics Application software Mathematics in Business, Economics and Finance Statistics in Business, Management, Economics, Finance, Insurance Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Returns and the Gaussian Hypothesis -- Utility Functions and the Theory of Choice -- The Markowitz Framework -- Markowitz Without a Risk-Free Asset -- Markowitz with a Risk-Free Asset -- Performance and Diversification Indicators -- Risk Measures and Capital Allocation -- Factor Models -- Identification of the Factors -- Exercises and Problems.
Sommario/riassunto	This self-contained book presents the main techniques of quantitative portfolio management and associated statistical methods in a very didactic and structured way, in a minimum number of pages. The concepts of investment portfolios, self-financing portfolios and absence of arbitrage opportunities are extensively used and enable the translation of all the mathematical concepts in an easily interpretable way. All the results, tested with Python programs, are demonstrated rigorously, often using geometric approaches for optimization problems and intrinsic approaches for statistical methods, leading to unusually short and elegant proofs. The statistical methods concern both parametric and non-parametric estimators and, to estimate the

factors of a model, principal component analysis is explained. The presented Python code and web scraping techniques also make it possible to test the presented concepts on market data. This book will be useful for teaching Masters students and for professionals in asset management, and will be of interest to academics who want to explore a field in which they are not specialists. The ideal pre-requisites consist of undergraduate probability and statistics and a familiarity with linear algebra and matrix manipulation. Those who want to run the code will have to install Python on their pc, or alternatively can use Google Colab on the cloud. Professionals will need to have a quantitative background, being either portfolio managers or risk managers, or potentially quants wanting to double check their understanding of the subject.
