1. | Record Nr. | UNINA9910156284703321 |
   |---|---|
   | Autore | Ryan Cornelius |
   | Titolo | "One minute to ditch!" / / by Cornelius Ryan |
   | Pubbl/distr/stampa | [Place of publication not identified] : , : Pickle Partners Publishing, , 2015
©1957 |
   | ISBN | 1-78625-814-5 |
   | Descrizione fisica | 1 online resource (99 pages) |
   | Disciplina | 355.00973 |
   | Soggetti | United States History, Military |
   | Lingua di pubblicazione | Inglese |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Monografia |

2. | Record Nr. | UNINA9910131293203321 |
   |---|---|
   | Titolo | KEMAS : Jurnal Kesehatan Masyarakat |
   | Pubbl/distr/stampa | [Semarang, Indonesia] : , : Jurusan Ilmu Kesehatan Masyarakat, Fakultas Ilmu Keolahragaan, Universitas Negeri Semarang |
   | ISSN | 2355-3596 |
   | Descrizione fisica | 1 online resource |
   | Soggetti | Public health
Public Health
Periodicals.
Periodical |
   | Lingua di pubblicazione | Inglese |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Periodico |

3.	Record Nr.	UNINA9910731477803321
	Autore	Kenett Ron
	Titolo	Industrial Statistics : A Computer-Based Approach with Python / / by Ron S. Kenett, Shelemyahu Zacks, Peter Gedeck
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2023
	ISBN	3-031-28482-8
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (486 pages)
	Collana	Statistics for Industry, Technology, and Engineering, , 2662-5563
	Disciplina	005.133
	Soggetti	Mathematical statistics - Data processing Statistics Statistics and Computing Applied Statistics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	The Role of Statistical Methods in Modern Industry -- Basic Tools and Principles of Process Control -- Advanced Methods of Statistical Process Control -- Multivariate Statistical Process Control -- Classical Design and Analysis of Experiments -- Quality by Design -- Computer Experiments -- Cybermanufacturing and Digital Twins -- Reliability Analysis -- Bayesian Reliability Estimation and Prediction -- Sampling Plans for Batch and Sequential Inspection.
	Sommario/riassunto	This innovative textbook presents material for a course on industrial statistics that incorporates Python as a pedagogical and practical resource. Drawing on many years of teaching and conducting research in various applied and industrial settings, the authors have carefully tailored the text to provide an ideal balance of theory and practical applications. Numerous examples and case studies are incorporated throughout, and comprehensive Python applications are illustrated in detail. A custom Python package is available for download, allowing students to reproduce these examples and explore others. The first chapters of the text focus on the basic tools and principles of process control, methods of statistical process control (SPC), and multivariate SPC. Next, the authors explore the design and analysis of experiments, quality control and the Quality by Design approach, computer

experiments, and cyber manufacturing and digital twins. The text then goes onto cover reliability analysis, accelerated life testing, and Bayesian reliability estimation and prediction. A final chapter considers sampling techniques and measures of inspection effectiveness. Each chapter includes exercises, data sets, and applications to supplement learning. Industrial Statistics: A Computer-Based Approach with Python is intended for a one- or two-semester advanced undergraduate or graduate course. In addition, it can be used in focused workshops combining theory, applications, and Python implementations. Researchers, practitioners, and data scientists will also find it to be a useful resource with the numerous applications and case studies that are included. A second, closely related textbook is titled Modern Statistics: A Computer-Based Approach with Python. It covers topics such as probability models and distribution functions, statistical inference and bootstrapping, time series analysis and predictions, and supervised and unsupervised learning. These texts can be used independently or for consecutive courses. The mistat Python package can be accessed at https://gedeck.github.io/mistat-code-solutions/IndustrialStatistics/. "This book is part of an impressive and extensive write up enterprise (roughly 1,000 pages!) which led to two books published by Birkhäuser. This book is on Industrial Statistics, an area in which the authors are recognized as major experts. The book combines classical methods (never to be forgotten!) and "hot topics" like cyber manufacturing, digital twins, A/B testing and Bayesian reliability. It is written in a very accessible style, focusing not only on HOW the methods are used, but also on WHY. In particular, the use of Python, throughout the book is highly appreciated. Python is probably the most important programming language used in modern analytics. The authors are warmly thanked for providing such a state-of-the-art book. It provides a comprehensive illustration of methods and examples based on the authors longstanding experience, and accessible code for learning and reusing in classrooms and on-site applications." Professor Fabrizio Ruggeri Research Director at the National Research Council, Italy President of the International Society for Business and Industrial Statistics (ISBIS) Editor-in-Chief of Applied Stochastic Models in Business and Industry (ASMBI).