1.	Record Nr.	UNINA9910983384903321
	Autore	Mangrulkar Ramchandra S
	Titolo	Predictive Analytics with SAS and R : Core Concepts, Tools, and Implementation / / by Ramchandra S Mangrulkar, Pallavi Vijay Chavan
	Pubbl/distr/stampa	Berkeley, CA : , : Apress : , : Imprint : Apress, , 2025
	ISBN	9798868809057
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (175 pages)
	Collana	Professional and Applied Computing Series
	Altri autori (Persone)	Vijay ChavanPallavi
	Disciplina	006.3
	Soggetti	Predictive analytics
		SAS (Computer program language)
		R (Computer program language)
		Artificial intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1 Introduction to Analytics -- Chapter 2 Simple Linear Regression -- Chapter 3 Multiple Linear Regression -- Chapter 4 Multivariate Analysis and Prediction -- Chapter 5 Time Series Analysis.
	Sommario/riassunto	Gain practical knowledge of application implementation using various programming approaches in predictive analytics. This book serves as a comprehensive guide for both beginners and professionals in the field of predictive analytics, offering core principles and practical insights without requiring an extensive mathematics or statistics background. The book starts with an introduction to analytics in decision making, protective analytics basics, and implementation in various industries. The book then takes you through types of regression, and simple linear regression in detail, followed by a demonstration of R Studio and SAS. Multiple Linear Regression is discussed next along with MLR model diagnostics. The book covers Multivariate Analysis and teaches you how to work with Principal Components Analysis, Factor Analysis, and much more. You also learn Time series Analysis with an understanding of Autoregressive Moving Average (ARMA) Models. After reading the book, you will be able to put predictive analytics principles into practice. What You Will Learn Understand modeling, estimating, and evaluating models for forecasting Implement Partial F-Test and Variable Selection