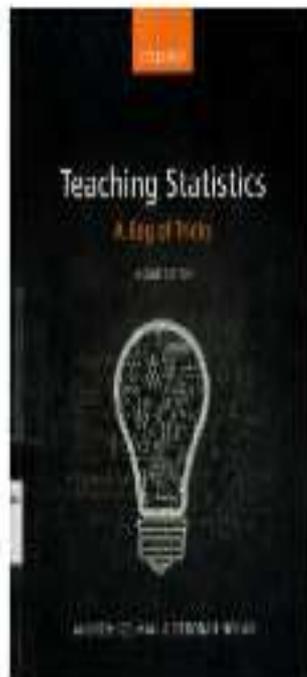




# Boletín N° 174

Últimos libros disponibles en  
Biblioteca del 3 de Noviembre del  
2022



## Teaching statistics : a bag of tricks

**Autor:** Gelman, Andrew,

**Coautor:** Nolan, Deborah Ann,

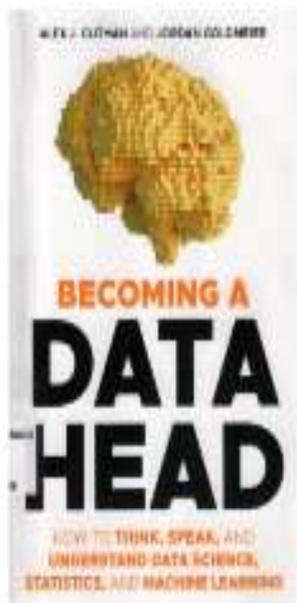
**ISBN:** 9780198785699

**Edición:** 2a.ed.

**Descripción física:** 404 p : ilustraciones; 24 cm

**Contenido:** Contents : Part I. Introductory probability and statistics.-- Part II. Putting it all together.

**Materias:** ESTADISTICA EDUCATIVA  
ESTADISTICA



## **Becoming a Data Head : how to think, speak, and understand data science, statistics, and machine learning**

**Autor:** Gutman, Alex J.

**Coautor:** Goldmeier, Jordan,

**ISBN:** 9781119741749

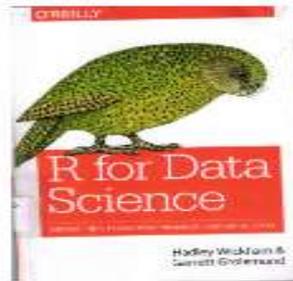
**Información de la publicación:** Indianapolis : John Wiley and Sons, 2021.

**Descripción física:** 226 p.

**Materias:** GRANDES DATOS

PROCESAMIENTO ELECTRONICO DE DATOS

DATOS ESTADISTICOS



## **R for data science : import, tidy, transform, visualize, and model data**

**Autor:** Wickham, Hadley,

**Coautor:** Grolemund, Garrett,

**ISBN:** 9781491910399

**Edición:** 1 a.ed.

**Información de la publicación:** Beijing : O'Reilly, 2016

**Descripción física:** xxv, 492 pag. : illustrations (some color); 23 cm

**Contenido:** Contents : Part I. Explore. Data visualization with ggplot2 -- Workflow: basics -- Data transformation with dplyr -- Workflow: scripts -- Exploratory data analysis -- Workflow: projects.-- Part II. Wrangle. Tibbles with tibble -- Data import with readr --Tidy data with tidyr -- Relational data with dplyr -- Strings with stringr - - Factors with forcats -- Dates and times with lubridate -- Part III. Program. Pipes with magrittr -- Functions -- Vectors -- Iteration with purrr -- Part IV. Model. Model basics with modelr -- Model building -- Many models with purrr and broom -- Part V. Communicate. R Markdown -- Graphics for communication with ggplot2 -- R Markdown formats -- R Markdown workflow.

**Materias:** R (LENGUAJE DE PROGRAMACION)

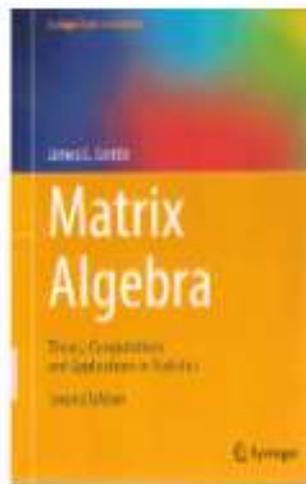
MINERIA DE DATOS

Big data.

BASE DE DATOS

PROCESAMIENTO ELECTRONICO DE DATOS EN LA ESTADISTICA

ESTADISTICA



## Matrix algebra : Theory computations and applications in statistics

**Autor:** Gentle, Jame E

**ISBN:** 9783319648668

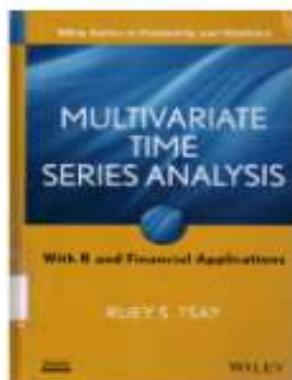
**Edición:** 2a.ed.

**Información de la publicación:** New York, NY :  
Springer, 2017.

**Descripción física:** 648 p.

**Contenido:** Contents : Part I. Linear algebra.-- Part II. Applications in data analysis.-- Part III. Numerical methods and software

**Materias:** MATRICES (MATEMATICAS)  
MATRICES (MATEMATICAS) -- PROGRAMAS  
ESTADISTICA MATEMATICA  
ÁLGEBRA MULTILINEAL  
MATEMATICAS -- COMPUTACION



## Multivariate Time Series Analysis : With R and Financial Applications

**Autor:** Tsay, Ruey S.

**ISBN:** 9781118617908

**Información de la publicación:** Hoboken, N.J. : John Wiley & Sons, Incorporated, 2014

**Descripción física:** xvii, 492 p.

**Serie:** Wiley series in probability and statistics

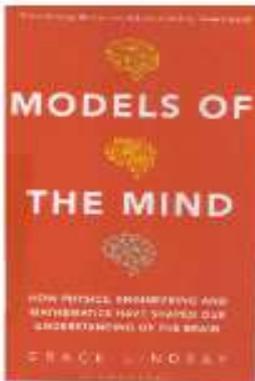
**Nota general:** Incluye tabla de contenidos e índice.

**Contenido:** Contents : 1. Multivariate linear Time Series.-- 2. Stationary vector autoregressive Time Series.-- 3. Vector Autoregressive Moving-Average Time Series.-- 4. Structural Specification of VARMA Models.-- 5. Unit-Root Nonstationary Processes.-- 6. Factor Models and Selected Topics.-- 7. Multivariate Volatility Models.-- 8. Appendix A Review of Mathematics and Statistics.

**Materias:** MODELO ECONOMICO

R -- LENGUAJE DE PROGRAMA INFORMatico

APLICACIONES FINANCIERAS



## **Models of the mind : How Physics, Engineering and Mathematics Have Shaped Our Understanding of the Brain**

**Autor:** Lindsay, Grace

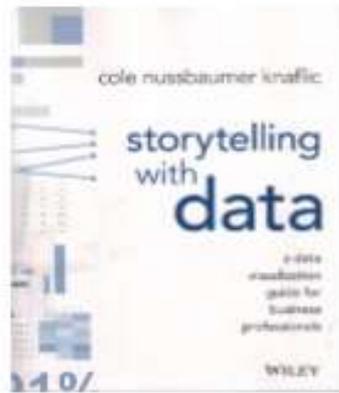
**ISBN:** 9781472966421

**Información de la publicación:** London :  
Bloomsbury, c 2021.

**Descripción física:** 399 p.

**Contenido:** Contents : Chapter 1. Spherical Cows.-- Chapter 2. How Neurons Get Their Spike.-- Chapter 3. Learning to Compute.-- Chapter 4. Making and Maintaining Memories.-- Chapter 5. Excitation and Inhibition.-- Chapter 6. Stages of Sight.-- Chapter 7. Cracking the Neural Code.-- Chapter 8. Movement in Low Dimensions.-- Chapter 9. From Structure to Function.-- Chapter 10. Making Rational Decisions.-- Chapter 11. How Rewards Guide Actions.-- Chapter 12. Grand Unified Theories of the Brain.

**Materias:** MATEMATICAS  
REDES NEURONALES (COMPUTACION)  
MODELO MATEMATICO



## **Storytelling with data : a data visualization guide for business professionals**

**Autor:** Knaflic, Cole Nussbaumer

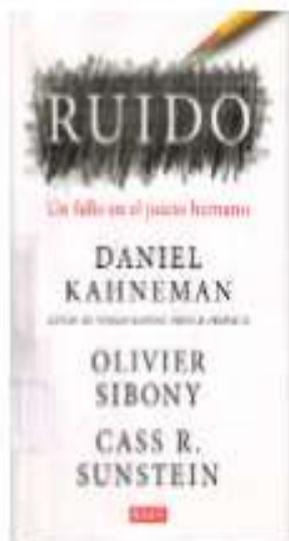
**ISBN:** 9781119002253

**Información de la publicación:** Hoboken, New Jersey : Wiley, [2015]

**Descripción física:** xiii, 267 pa. : illustrations (some color) ; 24 cm

**Contenido:** Contents : Chapter 1. The importance of context.-- Chapter 2. Choosing an effective visual.-- Chapter 3. Clutter is your enemy!-- Chapter 4. Focus your audience's attention.-- Chapter 5. Think like a designer.-- Chapter 6. Dissecting model visuals.-- Chapter 7. Lessons in storytelling.-- Chapter 8. Pulling it all together.-- Chapter 9. Case studies.-- Chapter 10. Final thoughts.

**Materias:** VISUALIZACION DE LA INFORMACION  
COMUNICACION EN ADMINISTRACION  
GRAFICOS POR COMPUTADOR



## **Ruido : Un fallo en el juicio humano**

**Autor:** Kahneman, Daniel

**Coautor:** Sibony, Oliver

Sunstein, Cass R.

**ISBN:** 9789566042563

**Edición:** 1a. ed.

**Información de la publicación:** Barcelona : Debate,  
2021

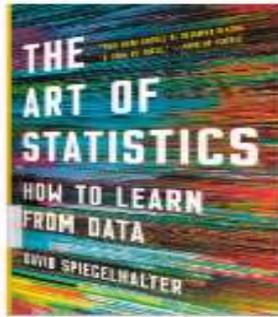
**Descripción física:** 493 p.

**Materias:** PSICOLOGIA COGNITIVA

TOMA DE DECISIONES

JUICIO (ETICA)

PSICOLOGIA SOCIAL



## The art of statistics : how to learn from data

**Autor:** Spiegelhalter, D. J., aut.

**ISBN:** 9781541618510

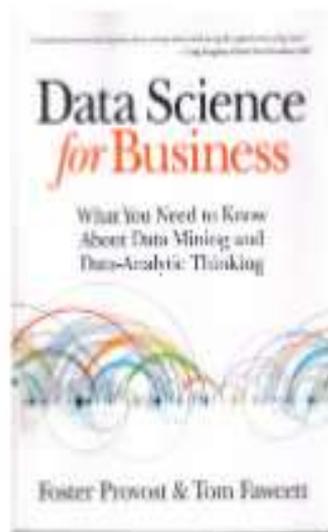
**Edición:** 1 a.ed.

**Información de la publicación:** New York : Basic Books, 2019.

**Descripción física:** 426 p.

**Contenido:** Contents : Chapter 1. Getting things done in proportion : categorical data and percentages.-- Chapter 2. Summarizing and communicating numbers, lots of numbers.-- Chapter 3. Why are we looking at data anyway? : populations and measurement.-- Chapter 4. What causes what?-- Chapter 5. Modelling relationships using regression.-- Chapter 6. Algorithms, analytics and prediction.-- Chapter 7. How sure can we be about what is going on? : estimates and intervals.-- Chapter 8. Probability : the language of uncertainty and variability.-- Chapter 9. Putting probability and statistics together.-- Chapter 10. Answering questions and claiming discoveries.-- Chapter 11. Learning from experience the Bayesian way.-- Chapter 12. How things go wrong.-- Chapter 13. How we can do statistics better.-- Chapter 14. In conclusion.

**Materias:** ESTADÍSTICAS -- ENSEÑANZA  
ESTADÍSTICA



## **Data Science for Business : What You Need to Know about Data Mining and Data-Analytic Thinking**

**Autor:** Provost, Foster

**Coautor:** Fawcett, Tom

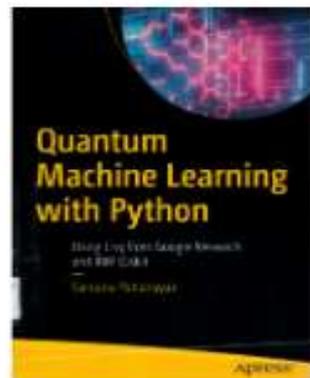
**ISBN:** 9781449361327

**Edición:** 1 a.ed.

**Información de la publicación:** Gravenstein, California : O`Reilly, 2013.

**Descripción física:** 386 p.

**Materias:** MINERIA DE DATOS  
CIENCIAS DE LA INFORMACION  
NEGOCIOS



## Quantum Machine Learning with Python : Using Cirq from Google Research and IBM Qiskit

**Autor:** Pattanayak, Santanu

**ISBN:** 9781484265215

**Edición:** 1 a.ed.

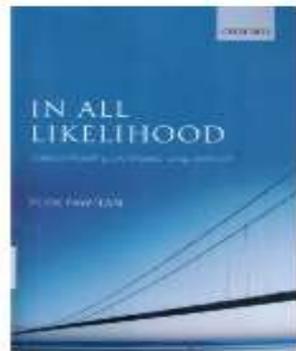
**Información de la publicación:** [s.l.] : Apress, 2021

**Descripción física:** 361 p. : illus.

**Nota general:** Includes Index

**Contenido:** Contents : Chapter 1: Introduction to Quantum Mechanics and Quantum Computing -- Chapter 2: Mathematical Foundations and Postulates of Quantum Computing -- Chapter 3: Introduction to Quantum Algorithms -- Chapter 4: Quantum Fourier Transform Related Algorithms -- PART 2 Chapter 5: Introduction to Quantum Machine Learning -- Chapter 6: Quantum Deep Learning and Quantum Optimization Based Algorithms -- Chapter 7: Quantum Adiabatic Processes and Quantum based Optimization.

**Materias:** APRENDIZAJE AUTOMÁTICO  
PYTHON (PROGRAMAS PARA COMPUTADOR )



## In all likelihood : statistical modelling and inference using likelihood

**Autor:** Pawitan, Yudi.

**ISBN:** 9780199671229

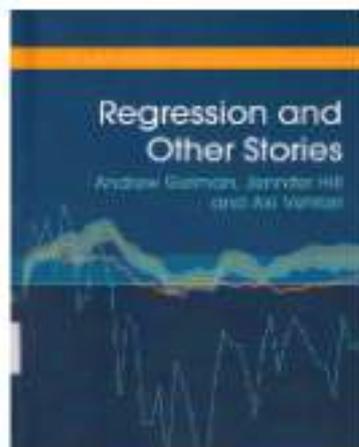
**Información de la publicación:** Oxford : Clarendon Press ; New York : Oxford University Press, 2013.

**Descripción física:** xiii, 528 p. : ill. ; 24 cm.

**Serie:** (Oxford science publications)

**Contenido:** Contents : 1. Introduction.-- 2. Elements of likelihood inference.-- 3. More properties of likelihood.-- 4. Basic models and simple applications.-- 5. Frequentist properties.-- 6. Modelling relationships: regression models.-- 7. Evidence and the likelihood principle.-- 8. Score function and Fisher information.-- 9. Large-sample results.-- 10. Dealing with nuisance parameters.-- 11. Complex data structures.-- 12. EM Algorithm.-- 13. Robustness of likelihood specification.-- 14. Estimating equations and quasi-likelihood.-- 15. Empirical likelihood.-- 16. Likelihood of random parameters.-- 17. Random and mixed effects models.-- 18. Nonparametric smoothing.

**Materias:** ESTADISTICA MATEMATICA  
PROBABILIDADES  
ESTADISTICA -- METODOS



## Regression and other stories

**Autor:** Gelman, Andrew

**Coautor:** Hill, Jennifer,  
Vehtari, Aki

**ISBN:** 9781107676510

**Edición:** 3a.ed.

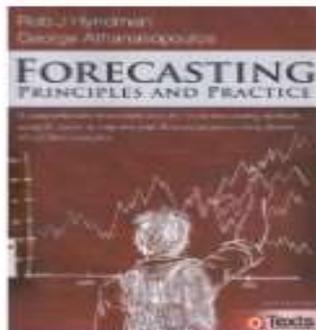
**Información de la publicación:** Cambridge :  
Cambridge University Press, 2021

**Descripción física:** 534 p. : ill., charts ; 25 cm.

**Serie:** (Analytical methods for social research)

**Contenido:** Contents : Part 1: Fundamentals.-- Part 2:  
Linear regression.-- Part 3: Generalized linear models.--  
Part 4: Before and after fitting a regression.-- Part 5:  
Causal inference.

**Materias:** ANALISIS DE REGRESION  
CIENCIAS SOCIALES -- MÉTODOS ESTADÍSTICOS  
MODELOS LINEALES -- ESTADÍSTICA



## **Forecasting : principles and practice A comprehensive introduction to the latest forecasting methods using R learn to improve your forecast accuracy using dozens of real data examples**

**Autor:** Hyndman, Rob J.

**Coautor:** Athanasopoulos, George

**ISBN:** 9780987507136

**Edición:** 3.ed.

**Información de la publicación:** [Heathmont, Vic.] : OTexts, 2021

**Descripción física:** 440 p. : il.

**Contenido:** Contents : 1. Getting started.-- 2. Time series graphics.-- 3. Time series decomposition.--4. Time series features.-- 5. The forecaster's toolbox.-- 6. Judgmental forecasts.-- 7. Time series regression models.-- 8. Exponential smoothing.-- 9. ARIMA models.-- 10. Dynamic regression models.-- 11. Forecasting hierarchical and grouped time series.-- 12. Advanced forecasting methods.-- 13. Some practical forecasting issues.

**Materias:** ANÁLISIS DE SERIES CRONOLÓGICAS  
ESTADÍSTICA MATEMÁTICA  
PROBABILIDADES  
R (LANGUAGE DE PROGRAMACION)