

1. Record Nr.	UNINA9910809425103321
Autore	Boobier Tony
Titolo	Analytics for insurance : the real business of big data / / Tony Boobier
Pubbl/distr/stampa	Chichester, England : , : Wiley, , 2016 ©2016
ISBN	1-119-14109-5 1-119-14108-7 1-119-31624-3
Descrizione fisica	1 online resource (299 p.)
Collana	Wiley Finance Series
Classificazione	BUS004000
Disciplina	368.00285
Soggetti	Insurance - Computer network resources Assegurances Recursos electrònics en xarxa Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Analytics for Insurance: The Real Business of Big Data; Contents; Preface; Acknowledgements; About the Author; Chapter 1: Introduction - The New 'Real Business'; 1.1 On the Point of Transformation; 1.1.1 Big Data Defined by Its Characteristics; 1.1.2 The Hierarchy of Analytics, and How Value is Obtained from Data; 1.1.3 Next Generation Analytics; 1.1.4 Between the Data and the Analytics; 1.2 Big Data and Analytics for all Insurers; 1.2.1 Three Key Imperatives; 1.2.2 The Role of Intermediaries; 1.2.3 Geographical Perspectives; 1.2.4 Analytics and the Internet of Things 1.2.5 Scale Benefit - or Size Disadvantage? 1.3 How do Analytics Actually Work?; 1.3.1 Business Intelligence; 1.3.2 Predictive Analytics; 1.3.3 Prescriptive Analytics; 1.3.4 Cognitive Computing; Notes; Chapter 2: Analytics and the Office of Finance; 2.1 The Challenges of Finance; 2.2 Performance Management and Integrated Decision-Making; 2.3 Finance and Insurance; 2.4 Reporting and Regulatory Disclosure; 2.5 GAAP and IFRS; 2.6 Mergers, Acquisitions and Divestments; 2.7 Transparency, Misrepresentation, the Securities Act and 'SOX'; 2.8 Social Media and Financial Analytics

2.9 Sales Management and Distribution Channels2.9.1 Agents and Producers; 2.9.2 Distribution Management; Notes; Chapter 3: Managing Financial Risk Across the Insurance Enterprise; 3.1 Solvency II; 3.2 Solvency II, Cloud Computing and Shared Services; 3.3 'Sweating the Assets'; 3.4 Solvency II and IFRS; 3.5 The Changing Role of the CRO; 3.6 CRO as Customer Advocate; 3.7 Analytics and the Challenge of Unpredictability; 3.8 The Importance of Reinsurance; 3.9 Risk Adjusted Decision-Making; Notes; Chapter 4: Underwriting; 4.1 Underwriting and Big Data; 4.2 Underwriting for Specialist Lines  
4.3 Telematics and User-Based Insurance as an Underwriting Tool4.4 Underwriting for Fraud Avoidance; 4.5 Analytics and Building Information Management (BIM); Notes; Chapter 5: Claims and the 'Moment of Truth'; 5.1 'Indemnity' and the Contractual Entitlement; 5.2 Claims Fraud; 5.2.1 Opportunistic Fraud; 5.2.1.1 Analytics in Opportunistic Fraud; 5.2.2 Organized Fraud; 5.2.2.1 Organized Fraud Detection through Network Analytics; 5.2.2.2 Voice Analytics in the Claims Fraud Process; 5.2.2.3 Fraud Analytics at Inception; 5.3 Property Repairs and Supply Chain Management; 5.4 Auto Repairs  
5.5 Transforming the Handling of Complex Domestic Claims5.5.1 The Digital Investigator; 5.5.2 Potential Changes in the Claims Process; 5.5.3 Reinvention of the Supplier Ecosystem; 5.6 Levels of Inspection; 5.6.1 Reserving; 5.6.2 Business Interruption; 5.6.3 Subrogation; 5.7 Motor Assessing and Loss Adjusting; 5.7.1 Motor Assessing; 5.7.2 Loss Adjusting; 5.7.3 Property Claims Networks; 5.7.4 Adjustment of Cybersecurity Claims; 5.7.5 The Demographic Time Bomb in Adjusting; Notes; Chapter 6: Analytics and Marketing; 6.1 Customer Acquisition and Retention; 6.2 Social Media Analytics  
6.3 Demography and How Population Matters

#### Sommario/riassunto

"The business guide to Big Data in insurance, with practical application insight Big Data and Analytics for Insurers is the industry-specific guide to creating operational effectiveness, managing risk, improving financials, and retaining customers. Written from a non-IT perspective, this book focusses less on the architecture and technical details, instead providing practical guidance on translating analytics into target delivery. The discussion examines implementation, interpretation, and application to show you what Big Data can do for your business, with insights and examples targeted specifically to the insurance industry. From fraud analytics in claims management, to customer analytics, to risk analytics in Solvency 2, comprehensive coverage presented in accessible language makes this guide an invaluable resource for any insurance professional. The insurance industry is heavily dependent on data, and the advent of Big Data and analytics represents a major advance with tremendous potential - yet clear, practical advice on the business side of analytics is lacking. This book fills the void with concrete information on using Big Data in the context of day-to-day insurance operations and strategy. Understand what Big Data is and what it can do Delve into Big Data's specific impact on the insurance industry Learn how advanced analytics can revolutionise the industry Bring Big Data out of IT and into strategy, management, marketing, and more Big Data and analytics is changing business - but how? The majority of Big Data guides discuss data collection, database administration, advanced analytics, and the power of Big Data - but what do you actually do with it? Big Data and Analytics for Insurers answers your questions in real, everyday business terms, tailored specifically to the insurance industry's unique needs, challenges, and targets"--

"The book will deal with Big Data and Analytics specifically from an insurance perspective"--

2. Record Nr.	UNINA9910808298603321
Titolo	Vaccinology : principles and practice / / edited by W. John W. Morrow ... [et al.]
Pubbl/distr/stampa	Chichester [England], : Wiley-Blackwell, 2012
ISBN	9786613675132 9781118345344 1118345347 9781280698170 1280698179 9781118345320 1118345320 9781118345313 1118345312 9781118345337 1118345339
Edizione	[1st ed.]
Descrizione fisica	1 online resource (554 p.)
Altri autori (Persone)	MorrowJohn <1949->
Disciplina	615.3/72
Soggetti	Vaccines Vaccination
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: List of ContributorsPrefacePart 1: Introduction1 Concept & Scope of Modern VaccinesNadeem Sheikh PhD, Huw Davies PhD, Clint Schmidt PhDPart 2: Principles of Vaccine Design2 Strategies to Stimulate Innate Immunity for Designing Effective Vaccine AdjuvantsHeather L. Wilson PhD, Scott Napper PhD, George K. Mutwiri, Sylvia van Drunen-Little van den Hurk, Hugh Townsend PhD VIDO, Lorne A. Babiuk PhD, Andrew A. Potter PhD, Volker Gerdts PhD3 Antigen Processing and Presentation by MHC Class I, II and Non-Classical MoleculesAnthony N. Antoniou PhD, Izabela Lenart, David B. Giuliano, Simon J. Powis PhD4 Understanding the Mucosal Immune System for Better Mucosal VaccineJanine Bilsborough PhD, Joanne L.

Viney PhD5 Immunological Memory: T Cells in HumansMaria Candela Iglesias, Victor Appay PhD, Arnaud Moris,6 Immunological Memory: B CellsFrances Eun-Hyung Lee MD, Inaki Sanz MD7 Utility of Mouse Models in Vaccine Design and DevelopmentCatherine M. Bosio PhD, Megan McLeod PhD, Philippa Marrack PhD, Ross M. Kedl8 Utility of Non-Human Primate Models for VaccinePreston A. Marx PhD, Alexander F. VoevodinPart 3: Antigen Discovery (Macro approach vs. Epitope focused)9 Sequence Based Computational Approaches to Vaccine Discovery and DesignDerrick Carter PhD10 High-Throughput Proteomics (Microarrays only)Huw Davies PhD11 Phage LibrariesAaron K. Sato PhDPart 4: Antigen Engineering12 Attenuated Microbial VaccinesRichard W. Titball BSc, FRCPPath, Helen S. Atkins BSc, PhD13 Virus-Like Particles as Antigen ScaffoldsBryce Chackerian PhD, John T. Schiller PhD14 Recombinant MVA Vaccines, Optimisation, Pre-clinical and Product DevelopmentYper Hall BSc, Miles Carroll PhD15 Recombinant Adenoviruses for VaccinationNelson Cesar Di Paolo PhD, Dmitry Shayakhmetov PhD, Andre; Lieber MD, PhD16 Recombinant AvipoxvirusesMichael A. Skinner PhD, Stephen M. Laidlaw17 Intracellular Facultative Bacterial Vectors For Cancer ImmunotherapyPatrick Guirnalda , Laurence Wood, Matthew Seavy, Yvonne Paterson PhD18 Nucleic Acid VaccinationBritta Wahren, Margaret A. Liu MD19 Artificial Antigen-presenting Cells: Large Multivalent ImmunogensMatthew F. Mescher PhD, Julie M. CurtsingerPart 5: Delivery Systems20 Transcutaneous Immunization via Vaccine Patch Delivery SystemRobert C. Seid PhD, Gregory M. Glenn MD21 Needle-free Jet Injection for Vaccine AdministrationBrian R. Sloat, Hoi K. Tran, Zhengrong Cui PhD22 Oral Vaccines: an old need and some new possibilitiesAmit A. Lugade PhD, Kalathil Suresh PhD, Yasmin Thanavala PhD23 Adjuvants: From Serendipity to Rational DiscoveryDerek T. O'Hagan PhD, Andreas Wack PhD24 Immunostimulatory Properties of Biodegradable MicroparticlesF.A. Sharp, E.C. Lavelle25 Co-administration of Costimulatory MoietiesCarolina Arancibia, Yvette Latchman PhD26 Toll Receptors in Relation to Adjuvant EffectsDipshikha Chakravortty PhD, Amit Lahiri PhD, Priyanka Das PhDPart 6: Regulatory Considerations27 Regulatory Issues (FDA & EMEA)Murrium Ahmad PhD, Victoria Byers, Peter WilsonPart 7: Evaluating Vaccine Efficacy28 Immune Monitoring Design within the Development Pipeline for an Immunotherapeutic or Preventive VaccineSylvia Janetzki PhD, Pedro Romero MD, Mario Roederer PhD, Diane L. Bolton PhD, Camilla Jandus29 Clinical Development Strategy: Nuts and BoltsCandida Fratazzi MD, Claudio Carini MD, PhD30 Current Approaches to Identify and Evaluate Cancer Biomarkers for Patient StratificationRobert C Rees PhD, Stephanie Laversin, Cliff Murray PhD, Graham Ball PhDPart 8: Implementing Immunizations/Therapies31 Mass Immunization StrategiesDavid L. Heymann MD, DTM&H, Bruce R. Aylward, Rudolf H. Tangermann32 The Role of Mathematical Models in Vaccine Development and Public Health Decision MakingMarie-Claude Boily PhD, Marc Brisson PhD, Benoit Masse PhD, Sir Roy M Anderson FRS, FMedSci33 Vaccine SafetyJohn Iskander MD, MPH, Claudia Vellozzi MD, MPH, Jane Gidudu MD, MPH, Robert T. Chen MD, MA.

---

## Sommario/riassunto

"This book addresses a profound deficiency in the field of vaccine research and development, namely the lack of a single volume describing the design and construction of vaccine strategies from first principles to implementation. This is an authoritative textbook that details a comprehensive and systematic approach to the science of vaccinology focusing on not only basic science, but the many stages required to commercialize and navigate the regulatory requirements for

human application both in the United States and Europe. The book has broad appeal to clinicians, scientific and medical researchers alike, and graduate students"--Provided by publisher.

---