[MOBI] Marketing Analytics Strategic Models And Metrics

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Marketing Analytics-Stephan Sorger 2013-01-31 Marketing Analytics: Strategic Models and Metrics offers marketing students and professionals a practical guide to strategic decision models and marketing metrics. The tools described in the book will aid marketers in making intelligent decisions to drive revenue and results in their organizations. The book contains a wealth of information on marketing analytics: Almost 500 pages of text, covering a wide variety of decision models and metrics Nearly 400 figures, including diagrams, tables, and charts Step-by-step instructions on market segmentation, conjoint analysis, and other techniques Current examples demonstrating how organizations are applying models and metrics The list of chapters below includes a sample of the topics: Chapter 1. Introduction - Introduction to marketing analytics Chapter 2. Market Insight - Market sizing and trend analysis Chapter 3. Market Segmentation - Segment identification, analysis, and strategy Chapter 4. Competitive Analysis - Competitor identification, analysis, and strategy Chapter 5. Business Strategy - Analytics-based strategy selection Chapter 6. Business Operations - Forecasting, predictive analytics, and data mining Chapter 7. Product and Service Analytics - Conjoint analysis and product/service metrics Chapter 8. Price Analytics - Pricing techniques and assessment Chapter 9. Distribution Analytics - Analytics-based channel evaluation and selection Chapter 10. Promotion Analytics - Promotion budget estimation and allocation Chapter 11. Sales Analytics - Metrics for sales, profitability, and support Chapter 12. Analytics in Action - Pivot tables and data-driven presentations Edition: First Edition, Version 1.1, introduced November 2013. Revision 1.1 incorporates minor corrections and edits. It retains the same layout as the original release (First Edition, Version 1.0). See StephanSorger.com for a complete record of all changes.

Marketing Analytics-Wayne L. Winston 2014-01-08 Helping tech-savvy marketers and data analysts solvereal-world business problems with Excel Using data-driven business analytics to understand customers andimprove results is a great idea in theory, but in today's busyoffices, marketers and analysts need simple, low-cost ways toprocess and make the most of all that data. This expert book offersthe perfect solution. Written by data analysis expert Wayne L.Winston, this practical resource shows you how to tap a simple andcost-effective tool, Microsoft Excel, to solve specific businessproblems using powerful analytic techniques—and achieveoptimum results. Practical exercises in each chapter help you apply and reinforcetechniques as you learn. Shows you how to perform sophisticated business analyses usingthe cost-effective and widely available Microsoft Excel instead ofexpensive, proprietary analytical tools Reveals how to target and retain profitable customers and avoidhigh-risk customers Helps you forecast sales and improve response rates formarketing campaigns Explores how to optimize price points for products andservices, optimize store layouts, and improve onlineadvertising Covers social media, viral marketing, and how to exploit botheffectively Improve your marketing results with Microsoft Excel and theinvaluable techniques and ideas in Marketing Analytics:Data-Driven Techniques with Microsoft Excel.

Cutting-edge Marketing Analytics-Rajkumar Venkatesan 2014 Master practical strategic marketing analysis through real-life case studies and hands-on examples. In Cutting Edge Marketing Analytics, three pioneering experts integrate all three core areas of marketing analytics: statistical analysis, experiments, and managerial intuition. They fully detail a best-practice marketing analytics methodology, augmenting it with case studies that illustrate the quantitative and data analysis tools you'll need to allocate resources, define optimal marketing mixes; perform effective analysis of customers and digital marketing campaigns, and create high-value dashboards and metrics. For each marketing problem, the authors help you: Identify the right data and analytics techniques Conduct the analysis and obtain insights from it Outline what-if scenarios and define optimal solutions Connect your insights to strategic decision-making Each chapter contains technical notes, statistical knowledge, case studies, and real data you can use to perform the analysis yourself. As you proceed, you'll gain an in-depth understanding of: The real value of marketing analytics How to integrate quantitative analysis with managerial sensibility How to apply linear regression, logistic regression, cluster analysis, and Anova models The crucial role of careful experimental design For all marketing professionals specializing in marketing analytics and/or business intelligence; and for students and faculty in all graduate-level business courses covering Marketing Analytics, Marketing Effectiveness, or Marketing Metrics

Marketing Analytics-Mike Grigsby 2018-04-03 Who is most likely to buy and what is the best way to target them? How can businesses improve strategy without identifying the key influencing factors? The second edition of Marketing Analytics enables marketers and business analysts to leverage predictive techniques to measure and improve marketing performance. By exploring real-world marketing challenges, it provides clear, jargon-free explanations on how to apply different analytical models for each purpose. From targeted list creation and data segmentation, to testing campaign effectiveness, pricing structures and forecasting demand, this book offers a welcome handbook on how statistics, consumer analytics and modelling can be put to optimal use. The fully revised second edition of Marketing Analytics includes three new chapters on big data analytics, insights and panel regression, including how to collect, separate and analyze big data. All of the advanced tools and techniques for predictive analytics have been updated, translating models such as tobit analysis for customer lifetime value into everyday use. Whether an experienced practitioner or having no prior knowledge, methodologies are simplified to ensure the more complex aspects of data and analytics are fully accessible for any level of application. Complete with downloadable data sets and test bank resources, this book supplies a concrete foundation to optimize marketing analytics for day-to-day business advantage.

Digital Marketing Analytics-Chuck Hemann 2013-04-10 Distill 100%–Usable Max-Profit Knowledge from Your Digital Data. Do It Now! Why hasn't all that data delivered a whopping competitive advantage? Because you've barely begun to use it, that's why! Good news: neither have your competitors. It's hard! But digital marketing analytics is 100% doable, it offers colossal opportunities, and all of the data is accessible to you. Chuck Hemann and Ken Burbary will help you chop the problem down to size, solve every piece of the puzzle, and integrate a virtually frictionless system for moving from data to decision, action to results! Scope it out, pick your tools, learn to listen, get the metrics right, and then distill your digital data for maximum value for everything from R&D to CRM to social media marketing! • Prioritize—because you can't measure, listen to, and analyze everything • Use analysis to craft experiences that profoundly reflect each customer's needs, expectations, and behaviors • Measure real social media ROI: sales, leads, and customer satisfaction • Track the performance of all paid, earned, and owned social media channels • Leverage "listening data" way beyond PR and marketing: for strategic planning, product development, and HR • Start optimizing web and social content in real time • Implement advanced tools, processes, and algorithms for accurately measuring influence • Integrate paid and social data to drive more value from both • Make the most of surveys, focus groups, and offline research synergies • Focus new marketing and social media investments where they'll deliver the most value Foreword by Scott Monty Global Head of Social Media, Ford Motor Company

Marketing Models-Dawn Iacobucci 2014-11-01 Note: 3rd edition now available. Increasingly, marketers have to analyze massive amounts of customer data. Marketing models translate that data into information to use for fact-based strategic and tactical decisions. This book covers a breadth of marketing questions and their optimal marketing model for solutions. Chapters include: 1) Introduction to Marketing Models. 2) Marketing Segmentation and Cluster Analysis. 3) Brand Choice and Logit Models. 4) Measuring Customer Attitudes and Factor Analysis. 5) Drivers of Customer Satisfaction and Path Models. 6) Perceptual Maps and Multidimensional Scaling. 7) New Products and Conjoint Analysis. 8) ROI, Experiments, and ANOVA. 9) Diffusion Models and Forecasting. 10) Word-of-Mouth and Social Networks. 11) Marketing Models: Classic Models, Big Data, to Infinity and beyond. The second edition adds a few topics and corrects the unfortunate typos that had crept into the first edition.

Marketing Analytics-Mike Grigsby 2015-06-03 Who is most likely to buy and what is the best way to target them? Marketing Analytics enables marketers and business analysts to answer these questions by leveraging proven methodologies to measure and improve upon the effectiveness of marketing programs. Marketing Analytics demonstrates how statistics, analytics and modeling can be put to optimal use to increase the effectiveness of every day marketing activities, from targeted list creation and data segmentation to testing campaign effectiveness and forecasting demand. The author explores many common marketing challenges and demonstrates how to apply different data models to arrive at viable solutions. Business cases and critical analysis are included to illustrate and reinforce key concepts throughout. Beginners will benefit from clear, jargon-free explanations of methodologies relating to statistics, marketing strategy and consumer behaviour. More experienced practitioners will appreciate the more complex aspects of data analytics and data modeling, discovering new applications of various techniques in every day practice. Readers of Marketing Analytics will come away with a firm foundation in markets analytics and the

tools they need to gain competitive edge and increase market share. Online supporting resources for this book include a bank of test questions as well as data sets relating to many of the chapters.

Handbook of Marketing Analytics-Natalie Mizik Marketing Science contributes significantly to the development and validation of analytical tools with a wide range of applications in business, public policy and litigation support. The Handbook of Marketing Analytics showcases the analytical methods used in marketing and their high-impact real-life applications. Fourteen chapters provide an overview of specific marketing analytic methods in some technical detail and 22 case studies present thorough examples of the use of each method in marketing management, public policy, and litigation support. All contributing authors are recognized authorities in their area of specialty.

R For Marketing Research and Analytics-Chris Chapman 2019-03-28 The 2nd edition of R for Marketing Research and Analytics continues to be the best place to learn R for marketing research. This book is a complete introduction to the power of R for marketing research practitioners. The text describes statistical models from a conceptual point of view with a minimal amount of mathematics, presuming only an introductory knowledge of statistics. Hands-on chapters accelerate the learning curve by asking readers to interact with R from the beginning. Core topics include the R language, basic statistics, linear modeling, and data visualization, which is presented throughout as an integral part of analysis. Later chapters cover more advanced topics yet are intended to be approachable for all analysts. These sections examine logistic regression, customer segmentation, hierarchical linear modeling, market basket analysis, structural equation modeling, and conjoint analysis in R. The text uniquely presents Bayesian models with a minimally complex approach, demonstrating and explaining Bayesian methods alongside traditional analyses for analysis of variance, linear models, and metric and choice-based conjoint analysis. With its emphasis on data visualization, model assessment, and development of statistical intuition, this book provides guidance for any analyst looking to develop or improve skills in R for marketing applications. The 2nd edition increases the book's utility for students and instructors with the inclusion of exercises and classroom slides. At the same time, it retains all of the features that make it a vital resource for practitioners: non-mathematical exposition, examples modeled on real world marketing problems, intuitive guidance on research methods, and immediately applicable code.

Predictive Analytics for Marketers-Barry Leventhal 2018-02-03 Predictive analytics has revolutionized marketing practice. It involves using many techniques from data mining, statistics, modelling, machine learning and artificial intelligence, to analyse current data and make predictions about unknown future events. In business terms, this enables companies to forecast consumer behaviour and much more. Predictive Analytics for Marketers will guide marketing professionals on how to apply predictive analytical tools to streamline business practices. Including comprehensive coverage of an array of predictive analytic tools and techniques, this book enables readers to harness patterns from past data, to make accurate and useful predictions that can be converted to business success. Truly global in its approach, the insights these techniques offer can be used to manage resources more effectively across all industries and sectors. Written in clear, non-technical language, Predictive Analytics for Marketers contains case studies from the author's more than 25 years of experience and articles from guest contributors, demonstrating how predictive analytics has been used to successfully achieve a range of business purposes.

Data Science for Marketing Analytics-Tommy Blanchard 2019-03-30 Explore new and more sophisticated tools that reduce your marketing analytics efforts and give you precise results Key Features Study new techniques for marketing analytics Explore uses of machine learning to power your marketing analyses Work through each stage of data analytics with the help of multiple examples and exercises Book Description Data Science for Marketing Analytics covers every stage of data analytics, from working with a raw dataset to segmenting a population and modeling different parts of the population based on the segments. The book starts by teaching you how to use Python libraries, such as pandas and Matplotlib, to read data from Python, manipulate it, and create plots, using both categorical and continuous variables. Then, you'll learn how to segment a population into groups and use different clustering techniques to evaluate customer segmentation. As you make your way through the chapters, you'll explore ways to evaluate and select the best segmentation approach, and go on to create a linear regression model on customer value data to predict lifetime value. In the concluding chapters, you'll gain an understanding of regression techniques and tools for evaluating regression models, and explore ways to predict customer choice using classification algorithms. Finally, you'll apply these techniques to create a churn model for modeling customer product choices. By the end of this book, you will be able to build your own marketing reporting and interactive dashboard solutions. What you will learn Analyze and visualize data in Python using pandas and Matplotlib Study clustering techniques, such as hierarchical and k-means clustering Create customer segments based on manipulated data Predict customer lifetime value using linear regression Use classification algorithms to understand customer choice Optimize classification algorithms to extract maximal information Who this book is for Data Science for Marketing Analytics is designed for developers and marketing analysts looking to use new, more sophisticated tools in their marketing analytics efforts. It'll help if you have prior experience of coding in Python and knowledge of high school level mathematics. Some experience with databases, Excel, statistics, or Tableau is useful but not necessary.

Principles of Marketing Engineering, 2nd Edition-Gary L. Lilien 2013 The 21st century business environment demands more analysis and rigor in marketing decision making. Increasingly, marketing decision making resembles design engineering-putting together concepts, data, analyses, and simulations to learn about the marketplace and to design effective marketing plans. While many view traditional marketing as art and some view it as science, the new marketing increasingly looks like engineering (that is, combining art and science to solve specific problems). Marketing Engineering is the systematic approach to harness data and knowledge to drive effective marketing decision making and implementation through a technology-enabled and model-supported decision process. (For more information on Excel-based models that support these concepts, visit DecisionPro.biz.) We have designed this book primarily for the business school student or marketing manager, who, with minimal background and technical training, must understand and employ the basic tools and models associated with Marketing Engineering. We offer an accessible overview of the most widely used marketing engineering concepts and tools and show how they drive the collection of the right data and information to perform the right analyses to make better marketing plans, better product designs, and better marketing decisions. What's New In the 2nd Edition While much has changed in the nearly five years since the first edition of Principles of Marketing Engineering was published, much has remained the same. Hence, we have not changed the basic structure or contents of the book. We have, however Updated the examples and references. Added new content on customer lifetime value and customer valuation methods. Added several new pricing models. Added new material on "reverse perceptual mapping" to describe some exciting enhancements to our Marketing Engineering for Excel software. Provided some new perspectives on the future of Marketing Engineering. Provided better alignment between the content of the text and both the software and cases available with Marketing Engineering for Excel 2.0.

Marketing and Sales Analytics-Cesar A. Brea 2014 PROFITING FROM MARKETING ANALYTICS: YOUR COMPLETE EXECUTIVE ROADMAP "Solid ideas and experiences, well-told, for executives who need higher returns from their analytic investments. Captures many best practices that are consistent with our own experiences at Bain & Company, helping clients develop actionable strategies that deliver sustainable results." –Bob Bechek, Worldwide Managing Director, Bain & Company "Cesar has explored a complex subject in a clear and useful way as senior marketers look to more effectively leverage the power of data and analytics." –Bill Brand, Chief Marketing and Business Development Officer, HSN, Inc. "Loaded with meaty lessons from seasoned practitioners, this book defines the guideposts of the Marketing Analytics Age and what it will take for marketing leaders to be successful in it. Cesar Brea has provided a practical playbook for marketers who are ready to make this transition." –Meredith Callanan, Vice President, Corporate Marketing and Communications, T. Rowe Price "While the field has a lot of books on the statistics of marketing analytics, we also need insights on the organization issues and culture needed to implement successfully. Cesar Brea's Marketing and Sales Analytics has addressed this gap in an interesting and helpful way." –Scott A. Neslin, Albert Wesley Frey Professor of Marketing, Tuck School of Business, Dartmouth College To successfully apply marketing analytics, executives must orchestrate elements that transcend multiple perspectives and organizational silos. In Marketing and Sales Analytics, leading analytics consultant Cesar Brea shows you exactly how to do this. Brea examines the experiences of 15 leaders who've built high-value analytics capabilities in multiple industries. Then, building on what they've learned, he presents a complete blueprint for implementing and profiting from marketing analytics. You'll learn how to evaluate "ecosystemic" conditions for success, reconcile diverse perspectives to frame the right questions, and organize your people, data, and operating infrastructure to answer them and maximize business results. Brea helps you overcome key challenges ranging from balancing analytic techniques to governance, hidden biases to culture change. He also offers specific guidance on crucial decisions such as "buy vs. build?", "centralize or decentralize?", and "hire generalists or specialists?" Whether you lead, practice, or rely on marketing analytics, this guide will help you gain more value–with less frustration. Go beyond "My algorithm can beat up your algorithm" It's not about formulas, it's about cultivating conditions for success Plan backwards, starting from desired business results Focus on value, not allure, hype, or sexiness Orchestrate resources to ask better questions, answer them, and act Tackle any analytically intensive initiative– and get the results you're accountable for Make the most of new "native" digital channels... ... and the rapid digitization of legacy channels, too

Marketing Planning-Stephan Sorger 2012 "Marketing Planning: Where Strategy Meets Action" offers marketing students and professionals a practical, step by step guide to creating marketing plans that deliver measurable results. It presents a comprehensive framework for strategic marketing planning and outlines a structured approach for developing effective marketing plans. The approach uses numerous figures, checklists, and decision charts to leverage proven marketing techniques and market data for high quality marketing plans. The book is packed with current examples, culminating in a complete sample

marketing plan that demonstrates the book's unique approach. The book is ideal for planning-related courses in upper-level undergraduate and lower-level graduate school programs, as well as for business executives seeking a competitive edge in the speed and quality of their marketing planning.

Marketing Analytics Roadmap-Jerry Rackley 2015-05-30 Many managers view marketing as a creative endeavor, not something that is measurable or manageable by numbers. But today's leaders in the C-suite demand greater accountability. They want to know that they are getting a return on their marketing investment. And to get that ROI number, you need analytics. This expectation is intimidating for the many sales and marketing managers who rely on marketing instincts, not metrics, to do their work. But Marketing Analytics Roadmap: Methods, Metrics, and Tools demonstrates that employing analytics isn't just a way to keep the CEO off your back. It improves marketing results and ensures marketers a seat at the table where big decisions get made. In this book, analytics expert Jerry Rackley shows you how to understand and implement a sound marketing analytics process that helps eliminate the guesswork about the results produced by your marketing efforts. The result? You will acquire—and keep—more customers. Even better, you'll find that an analytics process helps the entire organization make better decisions, and not just marketers. Marketing Analytics Roadmap explains: How to use analytics to create marketing and sales metrics that guide your actions and provide valuable feedback on your efforts How to structure and use dashboards to report marketing results How to put industry-leading analytics software and other tools to good use How Big Data is shaping the marketing analytics landscape Sales and marketing teams that master marketing analytics will find them a powerful servant that enables agility, raises effectiveness, and creates confidence. Marketing Analytics Roadmap shows you how to build a well-planned and executed marketing analytics strategy that will enhance the credibility of your marketing team and help you not only get a seat at the big-decisions table, but keep it once there.

Marketing Strategy-Robert W. Palmatier 2017-02-23 A brand new textbook with an innovative and exciting approach to marketing strategy. Moving away from the outdated 4Ps model to a new approach that reflects real-world companies responding to a differing and dynamic customer base. Research-based and action-orientated, it equips students with the tools to succeed in today's competitive markets.

Analytics and Dynamic Customer Strategy-John F. Tanner, Jr. 2014-06-30 Key decisions determine the success of big data strategy Dynamic Customer Strategy: Big Profits from Big Data is a comprehensive guide to exploiting big data for both business-to-consumer and business-to-business marketing. This complete guide provides a process for rigorous decision making in navigating the data-driven industry shift, informing marketing practice, and aiding businesses in early adoption. Using data from a five-year study to illustrate important concepts and scenarios along the way, the author speaks directly to marketing and operations professionals who may not necessarily be big data savvy. With expert insight and clear analysis, the book helps eliminate paralysis-by-analysis and optimize decision making for marketing performance. Nearly seventy-five percent of marketers plan to adopt a big data analytics solution within two years, but many are likely to fail. Despite intensive planning, generous spending, and the best intentions, these initiatives will not succeed without a manager at the helm who is capable of handling the nuances of big data projects. This requires a new way of marketing, and a new approach to data. It means applying new models and metrics to brand new consumer behaviors. Dynamic Customer Strategy clarifies the situation, and highlights the key decisions that have the greatest impact on a company's big data plan. Topics include: Applying the elements of Dynamic Customer Strategy Acquiring, mining, and analyzing data Metrics and models for big data utilization Shifting perspective from model to customer Big data is a tremendous opportunity for marketers and may just be the only factor that will allow marketers to keep pace with the changing consumer and thus keep brands relevant at a time of unprecedented choice. But like any tool, it must be wielded with skill and precision. Dynamic Customer Strategy: Big Profits from Big Data helps marketers shape a strategy that works.

Highly Effective Marketing Analytics-Mu Hu 2019-12-15 Highly Effective Marketing Analytics infuses analytics into marketing to help improve marketing performance and raise analytics IQ for companies that have not yet had much success with marketing analytics. The book reveals why marketing analytics has not yet kept the promise and clarifies confusions and misunderstanding surrounding marketing analytics. Highly Effective Marketing Analytics is a highly practical and pragmatic how-to book. The author illustrates step by step many innovative, practical, and cost-effective methodologies to solving the most challenging real-world problems facing marketers in today's highly competitive omnichannel environment.

Data-Driven Marketing-Mark Jeffery 2010-02-08 NAMED BEST MARKETING BOOK OF 2011 BY THE AMERICAN MARKETING ASSOCIATION How organizations can deliver significant performance gains through strategic investment in marketing In the new era of tight marketing budgets, no organization can continue to spend on marketing without knowing what's working and what's wasted. Data-driven marketing improves efficiency and effectiveness of marketing expenditures across the spectrum of marketing activities from branding and awareness, trail and loyalty, to new product launch and Internet marketing. Based on new research from the Kellogg School of Management, this book is a clear and convincing guide to using a more rigorous, data-driven strategic approach to deliver significant performance gains from your marketing. Explains how to use data-driven marketing to deliver return on marketing investment (ROMI) in any organization In-depth discussion of the fifteen key metrics every marketer should know Based on original research from America's leading marketing business school, complemented by experience teaching ROMI to executives at Microsoft, DuPont, Nisan, Philips, Sony and many other firms Uses data from a rigorous survey on strategic marketing performance management of 252 Fortune 1000 firms, capturing $53 billion of annual marketing spending In-depth examples of how to apply the principles in small and large organizations Free downloadable ROMI templates for all examples given in the book With every department under the microscope looking for results, those who properly use data to optimize their marketing are going to come out on top every time.

Data Science for Business-Foster Provost 2013-07-27 Written by renowned data science experts Foster Provost and Tom Fawcett, Data Science for Business introduces the fundamental principles of data science, and walks you through the "data-analytic thinking" necessary for extracting useful knowledge and business value from the data you collect. This guide also helps you understand the many data-mining techniques in use today. Based on an MBA course Provost has taught at New York University over the past ten years, Data Science for Business provides examples of real-world business problems to illustrate these principles. You'll not only learn how to improve communication between business stakeholders and data scientists, but also how participate intelligently in your company's data science projects. You'll also discover how to think data-analytically, and fully appreciate how data science methods can support business decision-making. Understand how data science fits in your organization—and how you can use it for competitive advantage Treat data as a business asset that requires careful investment if you're to gain real value Approach business problems data-analytically, using the data-mining process to gather good data in the most appropriate way Learn general concepts for actually extracting knowledge from data Apply data science principles when interviewing data science job candidates

Marketing Models-Gary L. Lilien 1992 The view of this book is that there are essentially three purposes for modeling in marketing: measuring marketing actions and outcomes, developing operational support for marketing decisions, and explaining marketing observations or phenomena.

Predictive Marketing-Omer Artun 2015-08-06 Make personalized marketing a reality with this practical guideto predictive analytics Predictive Marketing is a predictive analytics primer fororganizations large and small, offering practical tips andactionable strategies for implementing more personalized marketingimmediately. The marketing paradigm is changing, and this bookprovides a blueprint for navigating the transition from creative-to data-driven marketing, from one-size-fits-all to one-on-one, andfrom marketing campaigns to real-time customer experiences. You'lllearn how to use machine-learning technologies to improve customeracquisition and customer growth, and how to identify and re-engageat-risk or lapsed customers by implementing an easy, automatedapproach to predictive analytics. Much more than just theory andtestament to the power of personalized marketing, this book focuseson action, helping you understand and actually begin usingthisrevolutionary approach to the customer experience. Predictive analytics can finally make personalized marketing areality. For the first time, predictive marketing is accessible toall marketers, not just those at large corporations — infact, many smaller organizations are leapfrogging their largercounterparts with innovative programs. This book shows you how tobring predictive analytics to your organization, with actionableguidance that get you started today. Implement predictive marketing at any size organization Deliver a more personalized marketing experience Automate predictive analytics with machine learningtechnology Base marketing decisions on concrete data rather than unprovenideas Marketers have long been talking about delivering personalizedexperiences across channels. All marketers want to deliverhappiness, but most still employ a one-size-fits-all approach.Predictive Marketing provides the information and insightyou need to lift your organization out of the campaign rut and intothe rarefied atmosphere of a truly personalized customerexperience.

Digital Marketing Analytics-Kevin Hartman 2020-09-15 From Kevin Hartman, Director of Analytics at Google, comes an essential guide for anyone seeking to collect, analyze, and visualize data in today's digital world (printed in brilliant full color). Even if you know nothing about digital marketing analytics, digital marketing analytics knows plenty about you. It's a fundamental, inescapable, and permanent cornerstone of modern business that affects the lives of analytics professionals and consumers in equal measure. This five-part book is an attempt to provide the context, perspective, and information needed to make analytics accessible to people who understand its reach and relevance and want to learn more. PART 1: The Day the Geeks Took Over The ubiquity of data analytics today isn't just a product of the past half-century's transformative and revolutionary changes in commerce and technology. Humanity has been developing, analyzing, and using data for millennia. Understanding where digital marketing analytics is now and where it will be in five, 10, or 50 years requires a holistic and historical view of our relationship and interaction with data. Part 1 looks at modern analysts and analytics in the context of its distinct historical epochs, each

one containing major inflection points and laying a foundation for future advancements in the ART + SCIENCE that is modern data analytics. PART 2: Consumer/Brand Relationships The methods that brands use to build relationships with consumers - online video, search, display ads, and social media - give analysts a wealth of data about behaviors on these platforms. Knowing how to assess successful consumer/brand relationships and understanding a consumer's purchase journey requires a useable framework for parsing this data. In Part 2, we explore each digital channel in-depth, including a discussion of key metrics and measurements, how consumers interact with brands on each platform, and ways of organizing consumer data that enable actionable insights. PART 3: The Science of Analytics Part 3 focuses on understanding digital data creation, how brands use that data to measure digital marketing effectiveness, and the tools and skill sets analysts need to work effectively with data. While the contents are lightly technical, this section veers into the colloquial as we dive into multitouch attribution models, media mix models, incrementality studies, and other ways analysts conduct marketing measurement today. Part 3 also provides a useful framework for evaluating data analysis and visualization tools and explains the critical importance of digital marketing maturity to analysts and the companies for which they work. PART 4: The Art of Analytics Every analyst dreams of coming up with the "Big Idea" - the game-changing and previously unseen insight or approach that gives their organization a competitive advantage and their career a huge boost. But dreaming won't get you there. It requires a thoughtful and disciplined approach to analysis projects. In this part of the book, I detail the four elements of the Marketing Analytics Process (MAP): plan, collect, analyze, report. Part 4 also explains the role of the analyst, the six mutually exclusive and collectively exhaustive ("MECE") marketing objectives, how to find context and patterns in collected data, and how to avoid the pitfalls of bias. PART 5: Storytelling with Data In Part 5, we dive headlong into the most important aspect of digital marketing analytics: transforming the data the analyst compiled into a comprehensive, coherent, and meaningful report. I outline the key characteristics of good visuals and the minutiae of chart design and provide a five-step process for analysts to follow when they're on their feet and presenting to an audience.

Big Data, Mining, and Analytics-Stephan Kudyba 2014-03-12 There is an ongoing data explosion transpiring that will make previous creations, collections, and storage of data look trivial. Big Data, Mining, and Analytics: Components of Strategic Decision Making ties together big data, data mining, and analytics to explain how readers can leverage them to extract valuable insights from their data. Facilitati

Storytelling with Data-Cole Nussbaumer Knaflic 2015-10-09 Don't simply show your data—tell a story with it! Storytelling with Data teaches you the fundamentals of data visualization and how to communicate effectively with data. You'll discover the power of storytelling and the way to make data a pivotal point in your story. The lessons in this illuminative text are grounded in theory, but made accessible through numerous real-world examples—ready for immediate application to your next graph or presentation. Storytelling is not an inherent skill, especially when it comes to data visualization, and the tools at our disposal don't make it any easier. This book demonstrates how to go beyond conventional tools to reach the root of your data, and how to use your data to create an engaging, informative, compelling story. Specifically, you'll learn how to: Understand the importance of context and audience Determine the appropriate type of graph for your situation Recognize and eliminate the clutter clouding your information Direct your audience's attention to the most important parts of your data Think like a designer and utilize concepts of design in data visualization Leverage the power of storytelling to help your message resonate with your audience Together, the lessons in this book will help you turn your data into high impact visual stories that stick with your audience. Rid your world of ineffective graphs, one exploding 3D pie chart at a time. There is a story in your data—Storytelling with Data will give you the skills and power to tell it!

Big Data and Analytics-Vincenzo Morabito 2015-01-31 This book presents and discusses the main strategic and organizational challenges posed by Big Data and analytics in a manner relevant to both practitioners and scholars. The first part of the book analyzes strategic issues relating to the growing relevance of Big Data and analytics for competitive advantage, which is also attributable to empowerment of activities such as consumer profiling, market segmentation, and development of new products or services. Detailed consideration is also given to the strategic impact of Big Data and analytics on innovation in domains such as government and education and to Big Data-driven business models. The second part of the book addresses the impact of Big Data and analytics on management and organizations, focusing on challenges for governance, evaluation, and change management, while the concluding part reviews real examples of Big Data and analytics innovation at the global level. The text is supported by informative illustrations and case studies, so that practitioners can use the book as a toolbox to improve understanding and exploit business opportunities related to Big Data and analytics.

Build a Career in Data Science-Emily Robinson 2020-03-24 Summary You are going to need more than technical knowledge to succeed as a data scientist. Build a Career in Data Science teaches you what school leaves out, from how to land your first job to the lifecycle of a data science project, and even how to become a manager. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology What are the keys to a data scientist's long-term success? Blending your technical know-how with the right "soft skills" turns out to be a central ingredient of a rewarding career. About the book Build a Career in Data Science is your guide to landing your first data science job and developing into a valued senior employee. By following clear and simple instructions, you'll learn to craft an amazing resume and ace your interviews. In this demanding, rapidly changing field, it can be challenging to keep projects on track, adapt to company needs, and manage tricky stakeholders. You'll love the insights on how to handle expectations, deal with failures, and plan your career path in the stories from seasoned data scientists included in the book. What's inside Creating a portfolio of data science projects Assessing and negotiating an offer Leaving gracefully and moving up the ladder Interviews with professional data scientists About the reader For readers who want to begin or advance a data science career. About the author Emily Robinson is a data scientist at Warby Parker. Jacqueline Nolis is a data science consultant and mentor. Table of Contents: PART 1 - GETTING STARTED WITH DATA SCIENCE 1. What is data science? 2. Data science companies 3. Getting the skills 4. Building a portfolio PART 2 - FINDING YOUR DATA SCIENCE JOB 5. The search: Identifying the right job for you 6. The application: Résumés and cover letters 7. The interview: What to expect and how to handle it 8. The offer: Knowing what to accept PART 3 - SETTLING INTO DATA SCIENCE 9. The first months on the job 10. Making an effective analysis 11. Deploying a model into production 12. Working with stakeholders PART 4 - GROWING IN YOUR DATA SCIENCE ROLE 13. When your data science project fails 14. Joining the data science community 15. Leaving your job gracefully 16. Moving up the ladder

Human + Machine-Paul R. Daugherty 2018-03-20 AI is radically transforming business. Are you ready? Look around you. Artificial intelligence is no longer just a futuristic notion. It's here right now--in software that senses what we need, supply chains that "think" in real time, and robots that respond to changes in their environment. Twenty-first-century pioneer companies are already using AI to innovate and grow fast. The bottom line is this: Businesses that understand how to harness AI can surge ahead. Those that neglect it will fall behind. Which side are you on? In Human + Machine, Accenture leaders Paul R. Daugherty and H. James (Jim) Wilson show that the essence of the AI paradigm shift is the transformation of all business processes within an organization--whether related to breakthrough innovation, everyday customer service, or personal productivity habits. As humans and smart machines collaborate ever more closely, work processes become more fluid and adaptive, enabling companies to change them on the fly--or to completely reimagine them. AI is changing all the rules of how companies operate. Based on the authors' experience and research with 1,500 organizations, the book reveals how companies are using the new rules of AI to leap ahead on innovation and profitability, as well as what you can do to achieve similar results. It describes six entirely new types of hybrid human + machine roles that every company must develop, and it includes a "leader's guide" with the five crucial principles required to become an AI-fueled business. Human + Machine provides the missing and much-needed management playbook for success in our new age of AI. BOOK PROCEEDS FOR THE AI GENERATION The authors' goal in publishing Human + Machine is to help executives, workers, students and others navigate the changes that AI is making to business and the economy. They believe AI will bring innovations that truly improve the way the world works and lives. However, AI will cause disruption, and many people will need education, training and support to prepare for the newly created jobs. To support this need, the authors are donating the royalties received from the sale of this book to fund education and retraining programs focused on developing fusion skills for the age of artificial intelligence.

Marketing Analytics: A Practitioner's Guide To Marketing Analytics And Research Methods-Ashok Charan 2015-05-20 The digital age has transformed the very nature of marketing. Armed with smartphones, tablets, PCs and smart TVs, consumers are increasingly hanging out on the internet. Cyberspace has changed the way they communicate, and the way they shop and buy. This fluid, de-centralized and multidirectional medium is changing the way brands engage with consumers.At the same time, technology and innovation, coupled with the explosion of business data, has fundamentally altered the manner we collect, process, analyse and disseminate market intelligence. The increased volume, variety and velocity of information enables marketers to respond with much greater speed, to changes in the marketplace. Market intelligence is timelier, less expensive, and more accurate and actionable.Anchored in this age of transformations, Marketing Analytics is a practitioner's guide to marketing management in the 21st century. The text devotes considerable attention to the way market analytic techniques and market research processes are being refined and re-engineered. Written by a marketing veteran, it is intended to guide marketers as they craft market strategies, and execute their day to day tasks.

Marketing Data Science-Thomas W. Miller 2015-05-02 Now , a leader of Northwestern University's prestigious analytics program presents a fully-integrated treatment of both the business and academic elements of marketing applications in predictive analytics. Writing for both managers and students, Thomas W. Miller explains essential concepts, principles, and theory in the context of real-world applications. Building on Miller's pioneering program, Marketing Data

Science thoroughly addresses segmentation, target marketing, brand and product positioning, new product development, choice modeling, recommender systems, pricing research, retail site selection, demand estimation, sales forecasting, customer retention, and lifetime value analysis. Starting where Miller's widely-praised Modeling Techniques in Predictive Analytics left off, he integrates crucial information and insights that were previously segregated in texts on web analytics, network science, information technology, and programming. Coverage includes: The role of analytics in delivering effective messages on the web Understanding the web by understanding its hidden structures Being recognized on the web – and watching your own competitors Visualizing networks and understanding communities within them Measuring sentiment and making recommendations Leveraging key data science methods: databases/data preparation, classical/Bayesian statistics, regression/classification, machine learning, and text analytics Six complete case studies address exceptionally relevant issues such as: separating legitimate email from spam; identifying legally-relevant information for lawsuit discovery; gleaning insights from anonymous web surfing data, and more. This text's extensive set of web and network problems draw on rich public-domain data sources; many are accompanied by solutions in Python and/or R. Marketing Data Science will be an invaluable resource for all students, faculty, and professional marketers who want to use business analytics to improve marketing performance.

Marketing Metrics-Paul Farris 2015-08-21 Now updated with new techniques and even more practical insights, this is the definitive guide to today's most valuable marketing metrics. Four leading marketing researchers help you choose the right metrics for every challenge, and use models and dashboards to translate numbers into real management insight. Marketing Metrics: The Manager's Guide to Measuring Marketing Performance, Third Edition now contains: Important new coverage of intangible assets A rigorous and practical discussion of quantifying the value of information More detail on measuring brand equity A complete separate chapter on web, SEM, mobile, and "digital" metrics Practical linkages to Excel, showing how to use functions and Excel Solver to analyze marketing metrics An up-to-date survey of free metrics available from Google and elsewhere Expanded coverage of methodologies for quantifying marketing ROI The authors show how to use marketing dashboards to view market dynamics from multiple perspectives, maximize accuracy, and "triangulate" to optimal solutions. You'll discover high-value metrics for virtually every facet of marketing: promotional strategy, advertising, and distribution; customer perceptions; market share; competitors' power; margins and pricing; products and portfolios; customer profitability; sales forces, channels, and more. For every metric, the authors present real-world pros, cons, and tradeoffs — and help you understand what the numbers really mean. Last but not least, they show you how to build comprehensive models to support planning — and optimize every marketing decision you make. Marketing Metrics, Third Edition will be invaluable to all marketing executives, practitioners, analysts, consultants, and advanced students interested in quantifying marketing performance.

Creating Value with Big Data Analytics-Peter C. Verhoef 2016-01-08 Our newly digital world is generating an almost unimaginable amount of data about all of us. Such a vast amount of data is useless without plans and strategies that are designed to cope with its size and complexity, and which enable organisations to leverage the information to create value. This book is a refreshingly practical, yet theoretically sound roadmap to leveraging big data and analytics. Creating Value with Big Data Analytics provides a nuanced view of big data development, arguing that big data in itself is not a revolution but an evolution of the increasing availability of data that has been observed in recent times. Building on the authors' extensive academic and practical knowledge, this book aims to provide managers and analysts with strategic directions and practical analytical solutions on how to create value from existing and new big data. By tying data and analytics to specific goals and processes for implementation, this is a much-needed book that will be essential reading for students and specialists of data analytics, marketing research, and customer relationship management.

Advanced Analytics Methodologies-Michele Chambers 2014 Advanced Analytics Methodologies is today's definitive guide to analytics implementation for MBA and university-level business students and sophisticated practitioners. Its expanded, cutting-edge coverage helps readers systematically "jump the gap" between their organization's current analytical capabilities and where they need to be. Step by step, Michele Chambers and Thomas Dinsmore help readers customize a complete roadmap for implementing analytics that supports unique corporate strategies, aligns with specific corporate cultures, and serves unique customer and stakeholder communities. Drawing on work with dozens of leading enterprises, Michele Chambers and Thomas Dinsmore provide advanced applications and examples not available elsewhere, describe high-value applications from many industries, and help you systematically identify and deliver on your company's best opportunities. They show how to: Go beyond the Analytics Maturity Model: power your unique business strategy with an equally focused analytics strategy Link key business objectives with core characteristics of your organization, value chain, and stakeholders Take advantage of game changing opportunities before competitors do Effectively integrate the managerial and operational aspects of analytics Measure performance with dashboards, scorecards, visualization, simulation, and more Prioritize and score prospective analytics projects Identify "Quick Wins" you can implement while you're planning for the long-term Build an effective Analytic Program Office to make your roadmap persistent Update and revise your roadmap for new needs and technologies This advanced text will serve the needs of students and faculty studying cutting-edge analytics techniques, as well as experienced analytics leaders and professionals including Chief Analytics Officers; Chief Data Officers; Chief Scientists; Chief Marketing Officers; Chief Risk Officers; Chief Strategy Officers; VPs of Analytics or Big Data; data scientists; business strategists; and many line-of-business executives.

Sport Business Analytics-C. Keith Harrison 2016-11-18 Developing and implementing a systematic analytics strategy can result in a sustainable competitive advantage within the sport business industry. This timely and relevant book provides practical strategies to collect data and then convert that data into meaningful, value-added information and actionable insights. Its primary objective is to help sport business organizations utilize data-driven decision-making to generate optimal revenue from such areas as ticket sales and corporate partnerships. To that end, the book includes in-depth case studies from such leading sports organizations as the Orlando Magic, Tampa Bay Buccaneers, Duke University, and the Aspire Group. The core purpose of sport business analytics is to convert raw data into information that enables sport business professionals to make strategic business decisions that result in improved company financial performance and a measurable and sustainable competitive advantage. Readers will learn about the role of big data and analytics in: Ticket pricing Season ticket member retention Fan engagement Sponsorship valuation Customer relationship management Digital marketing Market research Data visualization. This book examines changes in the ticketing marketplace and spotlights innovative ticketing strategies used in various sport organizations. It shows how to engage fans with social media and digital analytics, presents techniques to analyze engagement and marketing strategies, and explains how to utilize analytics to leverage fan engagement to enhance revenue for sport organizations. Filled with insightful case studies, this book benefits both sports business professionals and students. The concluding chapter on teaching sport analytics further enhances its value to academics.

Start with why-Simon Sinek 2011 Draws on real-life stories and figures, including Martin Luther King, Jr. and Steve Jobs, to examine the qualities a good leader requires in order to inspire and motivate people.

Earth Observation Open Science and Innovation-Pierre-Philippe Mathieu 2018-01-23 This book is published open access under a CC BY 4.0 license. Over the past decades, rapid developments in digital and sensing technologies, such as the Cloud, Web and Internet of Things, have dramatically changed the way we live and work. The digital transformation is revolutionizing our ability to monitor our planet and transforming the way we access, process and exploit Earth Observation data from satellites. This book reviews these megatrends and their implications for the Earth Observation community as well as the wider data economy. It provides insight into new paradigms of Open Science and Innovation applied to space data, which are characterized by openness, access to large volume of complex data, wide availability of new community tools, new techniques for big data analytics such as Artificial Intelligence, unprecedented level of computing power, and new types of collaboration among researchers, innovators, entrepreneurs and citizen scientists. In addition, this book aims to provide readers with some reflections on the future of Earth Observation, highlighting through a series of use cases not just the new opportunities created by the New Space revolution, but also the new challenges that must be addressed in order to make the most of the large volume of complex and diverse data delivered by the new generation of satellites.

Hands-On Data Science for Marketing-Yoon Hyup Hwang 2019-03-29 Optimize your marketing strategies through analytics and machine learning Key Features Understand how data science drives successful marketing campaigns Use machine learning for better customer engagement, retention, and product recommendations Extract insights from your data to optimize marketing strategies and increase profitability Book Description Regardless of company size, the adoption of data science and machine learning for marketing has been rising in the industry. With this book, you will learn to implement data science techniques to understand the drivers behind the successes and failures of marketing campaigns. This book is a comprehensive guide to help you understand and predict customer behaviors and create more effectively targeted and personalized marketing strategies. This is a practical guide to performing simple-to-advanced tasks, to extract hidden insights from the data and use them to make smart business decisions. You will understand what drives sales and increases customer engagements for your products. You will learn to implement machine learning to forecast which customers are more likely to engage with the products and have high lifetime value. This book will also show you how to use machine learning techniques to understand different customer segments and recommend the right products for each customer. Apart from learning to gain insights into consumer behavior using exploratory analysis, you will also learn the concept of A/B testing and implement it using Python and R. By the end of this book, you will be experienced enough with various data science and machine learning techniques to run and manage successful marketing campaigns for your business. What you will learn Learn how to compute and visualize marketing KPIs in Python and R Master what drives successful marketing campaigns with data science Use machine learning to predict customer engagement and lifetime

value Make product recommendations that customers are most likely to buy Learn how to use A/B testing for better marketing decision making Implement machine learning to understand different customer segments Who this book is for If you are a marketing professional, data scientist, engineer, or a student keen to learn how to apply data science to marketing, this book is what you need! It will be beneficial to have some basic knowledge of either Python or R to work through the examples. This book will also be beneficial for beginners as it covers basic-to-advanced data science concepts and applications in marketing with real-life examples.

Introduction to Algorithmic Marketing-Ilya Katsov 2017-12 A comprehensive guide to advanced marketing automation for marketing strategists, data scientists, product managers, and software engineers. The book covers the main areas of marketing that require programmatic micro-decisioning - targeted promotions and advertisements, eCommerce search, recommendations, pricing, and assortment optimization.

Advanced Customer Analytics-Mike Grigsby 2016-10-03 Advanced Customer Analytics provides a clear guide to the specific analytical challenges faced by the retail sector. The book covers the nature and scale of data obtained in transactions, relative proximity to the consumer and the need to monitor customer behaviour across multiple channels. The book advocates a category management approach, taking into account the need to understand the consumer mindset through elasticity modelling and discount strategies, as well as targeted marketing and loyalty design. A practical, no-nonsense approach to complex scenarios is taken throughout, breaking down tasks into easily digestible steps. The use of a fictional retail analyst 'Scott' helps to provide accessible examples of practice. Advanced Customer Analytics does not skirt around the complexities of this subject but offers conceptual support to steer retail marketers towards making the right choices for analysing their data.

Strategic Marketing in the Global Forest Industries-Eric Hansen 2011

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