

*How journalists can use data to improve the news*



# The Data Journalism Handbook

Edited by Liliana Bounegru, Lucy Chambers and Jonathan Gray

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# Data Journalism Handbook

**The Data Journalism Handbook** Jonathan Gray, Lucy Chambers, Liliana Bounegru, 2012-07-12 When you combine the sheer scale and range of digital information now available with a journalist's nose for news and her ability to tell a compelling story a new world of possibility opens up. With *The Data Journalism Handbook* you'll explore the potential limits and applied uses of this new and fascinating field. This valuable handbook has attracted scores of contributors since the European Journalism Centre and the Open Knowledge Foundation launched the project at MozFest 2011. Through a collection of tips and techniques from leading journalists, professors, software developers, and data analysts you'll learn how data can be either the source of data journalism or a tool with which the story is told, or both. Examine the use of data journalism at the BBC, the Chicago Tribune, the Guardian, and other news organizations. Explore in depth case studies on elections, riots, school performance, and corruption. Learn how to find data from the Web through freedom of information laws and by crowd-sourcing. Extract information from raw data with tips for working with numbers and statistics and using data visualization. Deliver data through infographics, news apps, open data platforms, and download links. [Data Journalism Handbook 2](#)

Jonathan Alan Gray, Liliana Bounegru, 2019 **The Data Journalism Handbook** GRAY, 2021-05-14 This book offers an interdisciplinary introduction to data journalism, offering a unique combination of critical reflection and practical insight into the field, including how data journalism is done around the world and the broader consequences of datafication in the news.

**The Data Journalism Handbook** Jonathan Gray, Liliana Bounegru, 2021-03-10 *The Data Journalism Handbook: Towards a Critical Data Practice* provides a rich and panoramic introduction to data journalism, combining both critical reflection and practical insight. It offers a diverse collection of perspectives on how data journalism is done around the world and the broader consequences of datafication in the news, serving as both a textbook and a sourcebook for this emerging field. With more than 50 chapters from leading researchers and practitioners of data journalism, it explores the work needed to render technologies and data productive for journalistic purposes. It also gives a behind-the-scenes look at the social lives of datasets, data infrastructures, and data stories in newsrooms, media organizations, startups, civil society organizations, and beyond. The book includes sections on doing issues with data, assembling data, working with data, experiencing data, investigating data, platforms, and algorithms, organizing data, journalism learning, data journalism together, and situating data journalism. **The**

**Data Journalism Handbook 2** Jonathan Alan Gray, Liliana Bounegru, 2019 **The Online Journalism Handbook** Paul Bradshaw, Liisa Rohumaa, 2013-09-13 How do we practice journalism in a digital world in which the old rules no longer apply? This text offers comprehensive, instructive coverage of the techniques and secrets of being a successful online journalist, both from a theoretical and practical point of view. Reflecting the vitality of the web, it will inspire you to acquire new skills and make sense of a transforming industry. **Key Features:** How to investigate and break stories online. Learn to broadcast to

millions using video and podcast How to blog like a pro Learn to manage and stimulate user generated content Include and use social media in your toolkit How to dig out stories using data journalism Rise to the challenge of citizen journalism Make your journalism more interactive at every stage of the process Dedicated chapter for Law and Online Communication The Online Journalism Handbook is essential reading for all journalism students and professionals and of key interest to media communication studies and more broadly the social sciences *Verification Handbook* Craig Silverman,2014 *Data Journalism Handbook* Jonathan Gray. Lucy Chambers. Liliana Bounegru,2012 *Data for Journalists* Brant Houston,2018-12-17 This straightforward and effective how to guide provides the basics for any reporter or journalism student beginning to use data for news stories It has step by step instructions on how to do basic data analysis in journalism while addressing why these digital tools should be an integral part of reporting in the 21st century In an ideal core text for courses on data driven journalism or computer assisted reporting Houston emphasizes that journalists are accountable for the accuracy and relevance of the data they acquire and share With a refreshed design this updated new edition includes expanded coverage on social media scraping data from the web and text mining and provides journalists with the tips and tools they need for working with data **The Online Journalism Handbook** Paul Bradshaw,2023-07-28 The Online Journalism Handbook offers a comprehensive guide to the ever evolving world of digital journalism showcasing the multiple possibilities in researching writing and storytelling provided by new technologies In this new edition Paul Bradshaw presents an engaging mix of technological expertise with real world practical guidance to illustrate how those training and working as journalists can improve the development presentation and global reach of their stories through webbased technologies Thoroughly revised and updated this third edition features A new chapter dedicated to writing for email and chat with updated case studies New sections covering online abuse news avoidance and trust Updated coverage of accessibility inclusivity and diversity in sourcing writing for social media and audio and video New formats including social audio audiograms Twitter threads the Stories format charticles and scrollytelling Expanded international examples throughout The Online Journalism Handbook is an essential guide for all journalism students and professional journalists and will also be of interest to digital media practitioners The companion website for this book further enhances student knowledge through regularly updated case studies real time development reports and in depth discussion pieces from cutting edge sources The SAGE Handbook of Digital Journalism Tamara Witschge,C. W. Anderson,David Domingo,Alfred Hermida,2016-05-18 The production and consumption of news in the digital era is blurring the boundaries between professionals citizens and activists Actors producing information are multiplying but still media companies hold central position Journalism research faces important challenges to capture examine and understand the current news environment The SAGE Handbook of Digital Journalism starts from the pressing need for a thorough and bold debate to redefine the assumptions of research in the changing field of journalism The 38 chapters written by a team of global experts are organised into four key areas Section A

Changing Contexts Section B News Practices in the Digital Era Section C Conceptualizations of Journalism Section D Research Strategies By addressing both institutional and non institutional news production and providing ample attention to the question who is a journalist and the changing practices of news audiences in the digital era this Handbook shapes the field and defines the roadmap for the research challenges that scholars will face in the coming decades Investigative Reporter's Handbook Brant Houston, Investigative Reporters & Eds., 2008-12-03 Published with Investigative Reporters and Editors Inc IRE The Investigative Reporters Handbook is the best selling classroom and newsroom classic Useful as a textbook in advanced journalism courses and as a reference for professional journalists this book shows students how to use fundamental news reporting and writing skills like gathering sources tracking information and interviewing to pursue investigative stories in a variety of beats from the government and education to healthcare the environment and real estate In addition to discussing the latest techniques and challenges in the profession the fifth edition is now thoroughly streamlined making it easier to locate the resources that investigative reporters need to get the story **The 21st Century Journalism Handbook** Tim Holmes, Sara Hadwin, Glyn Mottershead, 2014-09-19 Set against the background of the fundamental issues facing the industry today The 21st Century Journalism Handbook is a comprehensive guide to the core principles and practices essential to the modern journalist Convergence online the growth of magazine formats challenges presented by technology and new demands in news and feature writing are all covered from conceptual and practical perspectives A thorough grounding in the key debates and techniques is provided while clear no nonsense practical advice helps you develop your journalism skills and make a success of your studies and career Key Features A combination of professional insight academic study and practical exercises allows you to develop at your own pace Thinking it through activities at the end of each chapter allow you to think over the topics discussed and to think about how you could apply these skills Case studies and Closer Look boxes explore real life examples in more depth Key points to remember and chapter summaries highlight the essential things you need to know Comprehensive but digestible coverage of the key elements of ethics regulation and law ensures you are fully equipped with the essential frameworks for informed practice With an emphasis on developing the whole journalist a creative and visual reporter who can think across different platforms this text is ideal for all for journalism students training in newspapers magazines and online reporting **Apostles of Certainty** C.W. Anderson, 2018-08-16 From data rich infographics to 140 character tweets and activist cell phone photos taken at political protests 21st century journalism is awash in new ways to report display and distribute the news Computational journalism in particular has been the object of recent scholarly and industry attention as large datasets powerful algorithms and growing technological capacity at news organizations seemingly empower journalists and editors to report the news in creative ways Can journalists use data along with other forms of quantified information such as paper documents of figures data visualizations and charts and graphs in order to produce better journalism In this book C W Anderson traces the

genealogy of data journalism and its material and technological underpinnings arguing that the use of data in news reporting is inevitably intertwined with national politics the evolution of computable databases and the history of professional scientific fields It is impossible to understand journalistic uses of data Anderson argues without understanding the oft contentious relationship between social science and journalism It is also impossible to disentangle empirical forms of public truth telling without first understanding the remarkably persistent Progressive belief that the publication of empirically verifiable information will lead to a more just and prosperous world Anderson considers various types of evidence documents interviews informational graphics surveys databases variables and algorithms and the ways these objects have been used through four different eras in American journalism the Progressive Era the interpretive journalism movement of the 1930s the invention of so called precision journalism and today s computational journalistic moment to pinpoint what counts as empirical knowledge in news reporting Ultimately the book shows how the changes in these specifically journalistic understandings of evidence can help us think through the current digital data moment in ways that go beyond simply journalism

Working With Numbers and Statistics Charles Livingston, Paul S. Voakes, 2005-05-06 Working With Numbers and Statistics A Handbook for Journalists will bolster math skills and improve math confidence for journalists at all skill levels Authors Charles Livingston and Paul Voakes developed this resource book to improve journalistic writing and reporting enabling journalists to make accurate reliable computations which in turn enables one to make relevant comparisons put facts into perspective and lend important context to stories recognize inaccurate presentations whether willfully spun or just carelessly relayed ask appropriate questions about numerical matters translate complicated numbers for viewers and readers in ways they can readily understand understand computer assisted reporting and write livelier more precise pieces through the use of numbers The math is presented in a journalistic context throughout enabling readers to see how the procedures will come into play in their work Working With Numbers and Statistics is designed as a reference work for journalism students developing their writing and reporting skills It will also serve professionals as a useful tool to improve their understanding and use of numbers in news stories

**Journalism** Tim P. Vos, 2018-05-22 This volume sets out the state of the art in the discipline of journalism at a time in which the practice and profession of journalism is in serious flux While journalism is still anchored to its history change is infecting the field The profession and the scholars who study it are reconceptualizing what journalism is in a time when journalists no longer monopolize the means for spreading the news Here journalism is explored as a social practice as an institution and as memory The roles epistemologies and ethics of the field are evolving With this in mind the volume revisits classic theories of journalism such as gatekeeping and agenda setting but also opens up new avenues of theorizing by broadening the scope of inquiry into an expanded journalism ecology which now includes citizen journalism documentaries and lifestyle journalism and by tapping the insights of other disciplines such as geography economics and psychology The volume is a go to map of the field for students and scholars highlighting emerging

issues enduring themes revitalized theories and fresh conceptualizations of journalism *Story-Based Inquiry: A Manual for Investigative Journalists* Mark Lee Hunter, gratuit, Unesco, 2011 Investigative Journalism means the unveiling of matters that are concealed either deliberately by someone in a position of power or accidentally behind a chaotic mass of facts and circumstances and the analysis and exposure of all relevant facts to the public In this way investigative journalism crucially contributes to freedom of expression and freedom of information which are at the heart of UNESCO s mandate The role media can play as a watchdog is indispensable for democracy and it is for this reason that UNESCO fully supports initiatives to strengthen investigative journalism throughout the world I believe this publication makes a significant contribution to promoting investigative journalism and I hope it will be a valuable resource for journalists and media professionals as well as for journalism trainers and educators J nis K rklin Assistant Director General for Communication and Information UNESCO Preface page 1 The Routledge Handbook of Developments in Digital Journalism Studies Scott Eldridge II, Bob Franklin, 2018-09-03 The Routledge Handbook of Developments in Digital Journalism Studies offers a unique and authoritative collection of essays that report on and address the significant issues and focal debates shaping the innovative field of digital journalism studies In the short time this field has grown aspects of journalism have moved from the digital niche to the digital mainstay and digital innovations have been normalized into everyday journalistic practice These cycles of disruption and normalization support this book s central claim that we are witnessing the emergence of digital journalism studies as a discrete academic field Essays bring together the research and reflections of internationally distinguished academics journalists teachers and researchers to help make sense of a reconceptualized journalism and its effects on journalism s products processes resources and the relationship between journalists and their audiences The handbook also discusses the complexities and challenges in studying digital journalism and shines light on previously unexplored areas of inquiry such as aspects of digital resistance protest and minority voices The Routledge Handbook of Developments in Digital Journalism Studies is a carefully curated overview of the range of diverse but interrelated original research that is helping to define this emerging discipline It will be of particular interest to undergraduate and postgraduate students studying digital online computational and multimedia journalism Handbook of Journalism and Mass Communication Vir Bala Aggarwal, V. S. Gupta, 2001 In Indian context **Journalism Next** Mark Briggs, 2015-07-01 The Third Edition of Journalism Next A Practical Guide to Digital Reporting and Publishing is the most informed practical and succinct guide to digital technology for journalists Author Mark Briggs forward thinking techniques and accessible style prepares today s journalists for tomorrow s media landscape transformations Readers will learn how to effectively blog crowdsource use mobile technology mine databases and expertly capture audio and video to report with immediacy cultivate community and convey compelling stories Briggs helps readers quickly improve their digital literacy by presenting the basics and building on them to progress towards more specialized skills within multimedia Readers will become equipped to better manage online communities and build an

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## Unveiling the Magic of Words: A Overview of "**Data Journalism Handbook**"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Data Journalism Handbook**," a mesmerizing literary masterpiece penned by a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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