
A Practical Guide To Measuring Usability 72 Answers To The Most Common Questions About Quantifying The Usability Of Websites And Software

A Practical Guide

Fluid Flow Measurement

A Practical Guide to the Productivity Measurement and Enhancement System (ProMES)

A Practical Guide to Making Sense of Data

Measuring and Improving Organizational Productivity

A Definitive Practical Guide

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A Practical Guide to Optical Metrology for Thin Films

Conducting Personal Network Research

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The Particle Image Velocimetry

Measuring Disaster Preparedness

A practical guide to the science of making sense of performance and the art of communicating it, with the brain in mind.

Evidence-Based Productivity Improvement

A Practical Guide

A Practical Guide to Tracking Team Success

A Practical Guide
A Practical Guide to Indicator Development and Application
Health Measurement Scales: A practical guide to their development and use
Altmetrics
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DAISY WOODARD

A Practical Guide Oxford University Press, USA

This highly practical handbook is an exhaustive treatment of eddy covariance measurement that will be of keen interest to scientists who are not necessarily specialists in micrometeorology. The chapters cover measuring fluxes using eddy covariance technique, from the tower installation and system dimensioning to data collection, correction and analysis. With a state-of-the-art perspective, the authors examine the latest techniques and address the most up-to-date methods for data processing and quality control. The chapters provide answers to data treatment problems including data filtering, footprint analysis, data gap filling, uncertainty evaluation, and flux separation, among others. The authors cover the application of measurement techniques in different ecosystems such as forest, crops, grassland, wetland, lakes and rivers, and urban areas, highlighting peculiarities, specific practices and methods to be considered. The book also covers what to do when you have all your data, summarizing the objectives of a database as well as using case studies of the CarboEurope and FLUXNET databases to demonstrate the way they should be maintained and managed. Policies for data use, exchange and publication are also discussed and proposed. This one compendium is a valuable source of information on eddy covariance measurement that allows readers to make rational and relevant choices in positioning, dimensioning, installing and maintaining an eddy covariance site; collecting, treating, correcting and analyzing eddy covariance data; and scaling up eddy flux measurements to annual scale and evaluating their uncertainty.

Fluid Flow Measurement Elsevier

Teams members will use this handy reference to set team objectives and track and evaluate team performance.

A Practical Guide to the Productivity Measurement and Enhancement System (ProMES) Routledge

A guide to the basics of information visualization that teaches nonprogrammers how to use advanced data mining and visualization techniques to design insightful visualizations. In the age of Big Data, the tools of information visualization offer us a macroscope to help us make sense of the avalanche of data available on every subject. This book offers a gentle introduction to the design of insightful information visualizations. It is the only book on the subject that teaches nonprogrammers how to use open code and open data to design insightful visualizations. Readers will learn to apply advanced data mining and visualization techniques to make sense of temporal, geospatial, topical, and network data. The book, developed for use in an information visualization MOOC, covers data

analysis algorithms that enable extraction of patterns and trends in data, with chapters devoted to “when” (temporal data), “where” (geospatial data), “what” (topical data), and “with whom” (networks and trees); and to systems that drive research and development. Examples of projects undertaken for clients include an interactive visualization of the success of game player activity in World of Warcraft; a visualization of 311 number adoption that shows the diffusion of non-emergency calls in the United States; a return on investment study for two decades of HIV/AIDS research funding by NIAID; and a map showing the impact of the HiveNYC Learning Network. Visual Insights will be an essential resource on basic information visualization techniques for scholars in many fields, students, designers, or anyone who works with data.

A Practical Guide to Making Sense of Data Intellect Books

A sea change is coming. Changes to the ABA Standards, coupled with mandates from regional accreditors, will soon require every law school to adopt, implement, and use an institutional assessment plan based on the achievement of desired student learning outcomes. Is your school ready? This guide, intended for law school administrators and faculty, will walk you through the process step by step, answering questions, giving tips on best practices, and, perhaps most important, providing you with an action list for developing your school's assessment planning strategy. Our goal is for you to finish this guide with a completed assessment plan in hand and an appreciation of how you can use outcomes assessment to enhance your students' learning experience.

Measuring and Improving Organizational Productivity Guilford Publications

Quantifying the User Experience: Practical Statistics for User Research offers a practical guide for using statistics to solve quantitative problems in user research. Many designers and researchers view usability and design as qualitative activities, which do not require attention to formulas and numbers. However, usability practitioners and user researchers are increasingly expected to quantify the benefits of their efforts. The impact of good and bad designs can be quantified in terms of conversions, completion rates, completion times, perceived satisfaction, recommendations, and sales. The book discusses ways to quantify user research; summarize data and compute margins of error; determine appropriate sample sizes; standardize usability questionnaires; and settle controversies in measurement and statistics. Each chapter concludes with a list of key points and references. Most chapters also include a set of problems and answers that enable readers to test their understanding of the material. This book is a valuable resource for those engaged in measuring the behavior and attitudes of people during their interaction with interfaces. Provides practical guidance on solving usability testing problems with statistics for any project, including those using Six Sigma practices Show practitioners which test to use, why they work, best practices in application, along with easy-to-use excel formulas and web-calculators for analyzing data

Recommends ways for practitioners to communicate results to stakeholders in plain English
Resources and tools available at the authors' site: <http://www.measuringu.com/>

A Definitive Practical Guide Butterworth-Heinemann

This book describes validated outcome measures for the international Spinal Cord Injury population. Based on rigorous systematic reviews of ca. 80,000 scientific articles, the authors present assessment tools for various clinical uses in the health sciences, following parameters of validity, reliability, and responsiveness. It is important for the development of clinical practice and research that practical and appropriate measures become universally accepted; this would allow comparisons and meta-analysis of high-quality randomized controlled trials of people with this increasingly common injury. This book emphasizes the need for consensus among researchers as to which tools must be studied in depth or adapted to other national contexts, or which measurement instruments should be standardized in order to develop universal norms and standards for the performance of people with Spinal Cord Injury. It offers a valuable practical guide for clinicians, rehabilitation professionals and nurses, but will also help researchers to gain more confidence in using valid and reliable assessment tools for comparable clinical trials.

A Practical Guide to Tracking the Six Key Indicators McGraw Hill Professional

Measuring Disaster Preparedness is the seminal work on using measurement to manage the disaster preparation process. Its audience is that diverse group of local leaders and public servants whom communities of various types and sizes will hold to account to plan for, mitigate, and if necessary, respond to natural and unnatural disasters. Written by a seasoned expert with almost two decades of institutional and field experience in indicator development and application, Measuring Disaster Preparedness describes the elements of performance measurement, and provides guidance on how to manage the indicator development process, summarize data, and use indicator data to improve readiness. Measuring Disaster Preparedness is an essential resource for all who are involved in working to strengthen the resilience of their communities in the face of unpredictable disasters, including terrorist acts.

Industrial Moisture and Humidity Measurement Springer Science & Business Media

A new edition of this practical guide for clinicians who are developing tools to measure subjective states, attitudes, or non-tangible outcomes in their patients, suitable for those who have no knowledge of statistics. - ;Clinicians and those in health sciences are frequently called upon to measure subjective states such as attitudes, feelings, quality of life, educational achievement and aptitude, and learning style in their patients. This fourth edition of Health Measurement Scales enables these groups, who often have limited knowledge of statistics, to both develop scales to measure non-tangible health outcomes, and better evaluate and differentiate between existing tools. It covers how the individual items are developed; various biases that can affect responses (eg social desirability, yea-saying, framing); various response options; how to select the best items in the set; how to combine them into a scale; and then how to determine the reliability and validity of the scale. It concludes with a discussion of ethical issues that may be encountered, and guidelines for reporting the results of the scale development process. Appendices include a comprehensive guide to finding existing scales, and a brief introduction to exploratory and confirmatory factor analysis. It synthesizes the theory of scale construction with practical advice, making it the ultimate

guide to how to develop and validate measurement scales that are to be used in the health sciences. -

A Practical Guide for the Field OUP Oxford

Moisture analysis covers a variety of methods for measuring high levels of moisture, as well as trace amounts, in solids, liquids, or gases. There are many applications where trace moisture measurements are indispensable for manufacturing and for process quality assurance. Trace moisture in solids must be controlled for plastics, pharmaceuticals and heat treatment processes. Measurement applications in gases and liquids include, for example, drying processes, hydrocarbon processing, pure gases in the semiconductor industry, natural gas pipeline transport, the conditioning of food and other products. Written by experts with over 20 years of experience in the field, this one-stop guide covers all aspects of these measurements, including both the theory and a wealth of practical know-how. As such, it includes guidelines on installation, on the realization of standards for absolute and relative humidity, verification and traceability measurements, equipment calibration methods and the latest research developments. Backed by numerous case studies, this practical book serves the needs of those working in the industry tasked with performing or developing new techniques and processes for moisture and humidity measurement. As a result, the scientist or engineer has all the information required for accurate, reliable, economically viable and efficient moisture measurement.

Questionnaire Research Springer Nature

A one-stop, concise guide on determining and measuring thin film thickness by optical methods. This practical book covers the laws of electromagnetic radiation and interaction of light with matter, as well as the theory and practice of thickness measurement, and modern applications. In so doing, it shows the capabilities and opportunities of optical thickness determination and discusses the strengths and weaknesses of measurement devices along with their evaluation methods. Following an introduction to the topic, Chapter 2 presents the basics of the propagation of light and other electromagnetic radiation in space and matter. The main topic of this book, the determination of the thickness of a layer in a layer stack by measuring the spectral reflectance or transmittance, is treated in the following three chapters. The color of thin layers is discussed in chapter 6. Finally, in chapter 7, the author discusses several industrial applications of the layer thickness measurement, including high-reflection and anti-reflection coatings, photolithographic structuring of semiconductors, silicon on insulator, transparent conductive films, oxides and polymers, thin film photovoltaics, and heavily doped silicon. Aimed at industrial and academic researchers, engineers, developers and manufacturers involved in all areas of optical layer and thin optical film measurement and metrology, process control, real-time monitoring, and applications.

Principles and Workflow Examples for Scientific and Industrial Applications Facet Publishing

Function point counting is one of the fastest growing software management techniques used in the software industry today. This book shows how to successfully execute the function point counting methodology, based on the current rules and guidelines set forth by the International Function Point Users Group (IFPUG). Covers software measurement and the application of the function point methodology, the specific rules and guidelines of the function point methodology, and function point uses and benefits. For programmers and software development managers.

A Practical Guide Greenwood Publishing Group

Key Performance Indicators (KPIs) are indispensable for measuring business, but if they don't serve a larger mission, it's easy to lose sight of why you're measuring in the first place. Tracking the dynamic relationship between mission and measurement, this book is logical, approachable, and filled with relatable anecdotes. Greg Brisendine has provided strategic and measurement consulting to Fortune 100 companies and to small startups. In all cases, he starts by finding out what's important to those leaders. From there, he maps a path to their KPIs. That mission-driven approach is what he brings to this book. *Measuring Success* is an indispensable tool for anyone with the ambition to affect change - from new managers to seasoned leaders.

Measuring the Impact of Training Academic Press

- Provides step-by-step guidance for students who will be conducting their first surveys to collect factual information, measure attitudes, and evaluate products, services, and programs using questionnaires.
- Each chapter is structured around easy-to-follow guidelines.
- Numerous examples illustrate the guidelines. The examples are on timely topics of interest to students.
- This short book is an ideal supplement for guiding students through a class project. At the end of Chapter 1, they write the objectives for their questionnaires. They then follow the guidelines in subsequent chapters to complete their project.
- Exercises at the end of each chapter allow students to practice their newly acquired skills.
- Students learn that using questionnaires in research is both an art and a science—with principles that need to be followed for efficient, effective data collection.
- Thoroughly field-tested for student interest and comprehension, this book is sure to please both you and your students.
- We've had highly positive feedback from the numerous professors who have adopted this book to guide students in conducting term projects.

A Practical Guide to Measurement and Data Analysis Cambridge University Press

A new edition of this practical guide for clinicians who are developing tools to measure subjective states, attitudes, or non-tangible outcomes in their patients, suitable for those who have no knowledge of statistics.

A Practical Guide Matador

How to Measure Training Results presents practical tools for collecting and measuring six types of data critical to an overall evaluation of training. This timely resource: Includes dozens of reproducible tools and processes for training evaluation Shows how to measure both financial and intangible/non-financial results

A Practical Guide to Measuring Institutional Effectiveness CRC Press

This text teaches the reader how to measure the effectiveness of any training programme, using objective, time-tested tools and techniques. It explains how to measure what a programme's participants have learnt and shows how to calculate the net impact on the organization.

A Practical Guide Kogan Page

When a company is committed to growing through innovation - not just exploiting the existing business models - standard accounting documents offer insufficient and, oftentimes irrelevant data. *Innovation Accounting* is a practical guide for these companies to help them measure and track innovation. Most established organizations have understood the need to innovate and become more digital, however the management tools available to leaders seeking to understand the investments

in innovation are lacking. Financial accounting in particular is difficult to use in the context of (digital) innovation. Therefore a new complementary system for measuring and tracking innovation is needed. The book provides tools, frameworks, templates, and visualizations that can be easily understood and applied. These can all be used by executives looking for a new way of measuring corporate performance in a world where accounting-recognized assets are becoming commodities, by investors seeking better ways of looking at a company's growth potential, and by managers who need to value innovation product teams using more than just financial indicators. *Innovation Accounting* is an essential go-to book for anyone that wants to measure their company's innovation ecosystem.

Measuring Elemental Impurities in Pharmaceuticals LI-COR Biosciences

The purpose of this 2006 book is to present non-invasive methods of measuring the biological responses to psychosocial stress in humans, in non-laboratory (field) settings. Following the pathways of Seyle's General Adaptation Syndrome, the text first describes how to assess the psychosocial stressors of everyday life and then outlines how to measure the psychological, behavioral, neurohumeral, physiological and immunological responses to them. The book concludes with practical information on assessing special populations, analyzing the often-complicated data that are collected in field stress studies and the ethical treatment of human subjects in stress studies. It is intended to be a practical guide for developing and conducting psychophysiological stress research in human biology. This book will assist students and professionals in designing field studies of stress.

A Practical Guide to Modern Error Analysis Pfeiffer

A Practical Guide to the Study of Calcium in Living Cells describes popular techniques along with helpful do's and don't's and computer programs. The volume enables investigators to evaluate confocal images, use the latest dyes, and design Calcium buffers appropriate to their research needs. This book is designed for laboratory use by graduate students, technicians, and researchers in many disciplines, ranging from molecular to cellular levels of investigation. Describes techniques for detection of [Ca²⁺]: Ca²⁺ - sensitive microelectrodes Fluorescent dyes Luminescent proteins Includes techniques for perturbing intracellular Ca²⁺ Covers detailed methodology plus problems and pitfalls of each technique Contains a practical guide to preparing Ca²⁺ buffers with an easy-to-use computer program Color plates illustrate techniques such as Confocal ratio-imaging Use of aequorin

A Practical Guide of Outcome Measures iUniverse

In this volume, the authors begin by defining usability, advocating and explaining the methods of usability engineering and reviewing many techniques for assessing and assuring usability throughout the development process. They then follow all the steps in planning and conducting a usability test, analyzing data, and using the results to improve both products and processes. This book is simply written and filled with examples from many types of products and tests. It discusses the full range of testing options from quick studies with a few subjects to more formal tests with carefully designed controls. The authors discuss the place of usability laboratories in testing as well as the skills needed to conduct a test. Included are forms to use or modify to conduct a usability test, as well as layouts of existing labs that will help the reader build his or her own.

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