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Whitaker, 2017-10-24 The only how to guide offering a unified systemic approach to acquiring cleaning and managing data in R Every experienced practitioner knows that preparing data for modeling is a painstaking time consuming process Adding to the difficulty is that most modelers learn the steps involved in cleaning and managing data piecemeal often on the fly or they develop their own ad hoc methods This book helps simplify their task by providing a unified systematic approach to acquiring modeling manipulating cleaning and maintaining data in R Starting with the very basics data scientists Samuel E Buttrey and Lyn R Whitaker walk readers through the entire process From what data looks like and what it should look like they progress through all the steps involved in getting data ready for modeling They describe best practices for acquiring data from numerous sources explore key issues in data handling including text regular expressions big data parallel processing merging matching and checking for duplicates and outline highly efficient and reliable techniques for documenting data and recordkeeping including audit trails getting data back out of R and more The only single source guide to R data and its preparation it describes best practices for acquiring manipulating cleaning and maintaining data Begins with the basics and walks readers through all the steps necessary to get data ready for the modeling process Provides expert guidance on how to document the processes described so that they are reproducible Written by seasoned professionals it provides both introductory and advanced techniques Features case studies with supporting data and R code hosted on a companion website A Data Scientist's Guide to Acquiring Cleaning and Managing Data in R is a valuable working resource bench manual for practitioners who collect and analyze data lab scientists and research associates of all levels of experience and graduate level data mining students *Get the Picture: Visual Literacy in Content-Area Instruction* Marva Cappello, Nancy T.

Walker, 2019-07-01 Visual sources are increasingly prevalent in today's society This cross curricular resource by Marva Cappello and Nancy T Walker provides teachers with new and engaging strategies to help students closely read visual texts Teachers will learn to evaluate the complexity of visual texts and match them to their students Students will learn to analyze visual sources understand both explicit and implicit messages interpret underlying meaning and engage in meaningful discussion Based on practical research this approach offers students engagement in the full suite of Language Arts as defined by the International Literacy Association and National Council of Teachers of English reading writing listening speaking viewing and visually representing The strategies are divided by purpose receptive and productive strategies and arranged by content area to support all teachers Sample lessons for grades K 1 and 2 3 are provided for each strategy With concrete tools and techniques and a wide range of suggested visual texts to use in the classroom teachers can prepare students for interaction with primary sources digital media and the visual heavy world of 21st century learning Digital downloads of visual texts and student pages are included **Bash Quick Start Guide** Tom Ryder, 2018-09-28 Learn how to

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