

Readings in Information Visualization: Using Vision to Think

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This groundbreaking book defines the emerging field of Information Visualization and offers the first-ever collection of the classic papers on Information Visualization, with introductions and analytical discussion of each topic and paper. The authors' intention is to present papers that focus on the use of visualization to discover relationships, using interactive graphics to amplify thought. This book is intended for research professionals in academia and industry; new graduate students and professors who want to begin work in this burgeoning field; professionals involved in financial data analysis, statistics, and information design; scientific data managers; and professionals involved in medical, bioinformatics, and other areas.

This book is the first extensive collection of articles and research reports in information visualization. More or less all important contributions from the 1980s and -90s are included and the result is a great source of inspiration for visualization work.

This collection of classic papers has quickly become the standard volume for information visualization. It is academic in nature, but clearly written and approachable. With over 700 pages and 47 articles, it is a valuable reference source.

References

Kumar H, Plaisant C and Shneiderman B (1995), "Browsing Hierarchical Data with Multi-Level Dynamic Queries and Pruning", *International Journal of Human-Computer Studies*, Vol, 46, pp. 103-124.

Shneiderman B (1994), "Dynamic queries for visual information seeking", *Software IEEE*, Nov., 1994, Vol 11(6), pp. 70 -77.