

Dataset and data types		Further reading: Articles	Further reading: Books	Next Time
Items     Items (nodes)     Grids     Items       Attributes     Links     Positions     Positions       Attributes     Attributes     Attributes	cometry ms Sets, Lists Items bositions → Grids	<ul> <li>Mathematics and the Internet: A Source of Enormous Confusion and Great Potential. Walter Willinger, David Alderson, and John C. Doyle. Notices of the AMS 56(5):586-599, 2009.</li> <li>Rethinking Visualization: A High-Level Taxonomy. InfoVis 2004, p 151-158, 2004.</li> <li>The Eyes Have It: A Task by Data Type Taxonomy for Information Visualizations Ben Shneiderman, Proc. 1996 IEEE Visual Languages</li> <li>The Structure of the Information Visualization Design Space. Stuart Card and Jock Mackinlay, Proc. InfoVis 97.</li> <li>Polaris: A System for Query. Analysis and Visualization of Multi-dimensional Relational Databases. Chris Stolte, Diane Tang and Pat Hanrahan, IEEE TVCG 8(1): 52-65 2002.</li> </ul>	<ul> <li>Visualization Analysis and Design. Munzner. CRC Press, 2014. -Chap 2: Data Abstraction</li> <li>Information Visualization: Using Vision to Think. Stuart Card, Jock Mackinlay, and Ben Shneiderman. -Chap 1</li> <li>Data Visualization: Principles and Practice, 2nd ed. Alexandru Telea, CRC Press, 2014.</li> <li>Interactive Data Visualization: Foundations, Techniques, and Applications, 2nd ed. Matthew O.Ward, Georges Grinstein, Daniel Keim. CRC Press, 2015.</li> <li>The Visualization Handbook. Charles Hansen and Chris Johnson, eds. Academic Press, 2004.</li> <li>Visualization Toolkit: An Object-Oriented Approach to 3D Graphics, 4th ed. Will Schroeder, Ken Martin, and Bill Lorensen. Kitware 2006.</li> <li>Visualization of Time-Oriented Data. Wolfgang Aigner, Silvia Miksch, Heidrun Schumann, Chris Tominski, Springer 2011.</li> </ul>	• to read –VAD boo –paper: Do

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sign. Munzner. CRC Press, 2014.	• to read	
ng Vision to Think. Stuart Card, Jock Mackinlay, and Ben	–VAD book, Ch 3:Why:Task Abstraction –paper: Design Study Methodology	
and Practice, 2nd ed.Alexandru Telea, CRC Press, 2014.		
Foundations, Techniques, and Applications, 2nd ed. Matthew Daniel Keim. CRC Press, 2015.		
Charles Hansen and Chris Johnson, eds. Academic Press,		
ct-Oriented Approach to 3D Graphics, 4th ed. Will ill Lorensen. Kitware 2006.		
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