

Describing Data: A Visual Survival Kit

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A number by itself does not tell you anything - its context, its presentation, and its emphasis deliver the message. Effective visuals begin with the main idea to convey to the viewer, and build elements around this main idea. This talk will be about the foundations for visualizing data, focusing on different data structures and how they are communicated, along with good and bad examples. My background as a mathematician will play into the themes, as I will emphasize the key concepts and differences of data to be presented, rather than the specific tools for creating them (some tools will be discussed).