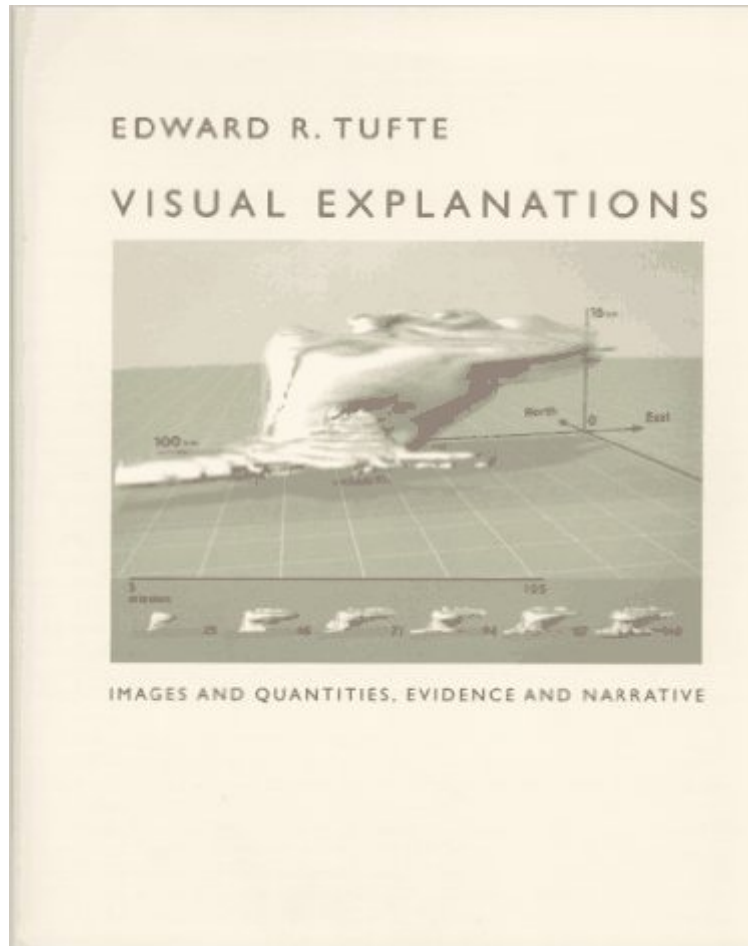


The book was found

Visual Explanations: Images And Quantities, Evidence And Narrative



Synopsis

Describes design strategies - the proper arrangement in space and time of images, words, and numbers - for presenting information about motion, process, mechanism, cause, and effect. Examines the logic of depicting quantitative evidence.

Book Information

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Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (70 customer reviews)

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Customer Reviews

VISUAL EXPLANATIONS: IMAGES AND QUANTITIES, EVIDENCE AND NARRATIVE represents one volume within a set of three. In this volume, Edward R. Tufte explores the visual and artistic aspects of the assessment of change, dynamics and most importantly cause and effect. In my mind, Edward R. Tufte is one of the intellectual giants of the 20th century. His work is magnificent! He employs a powerful conceptual framework that has had a profound effect on the reader. I own all three volumes. I use VISUAL EXPLANATIONS: IMAGES AND QUANTITIES, EVIDENCE AND NARRATIVE when I teach statistics. Students, but mostly professors, are too caught up with the power of inferential statistics leaving behind or seeing the visual display of data as insignificant or too simple to be introduced in a college course. Even worse, some are just plain ignorant regarding data presentation. To dispel any attitude that inferential statistics are the heart and soul of the study of cause, I use the section about the Challenger space flight to illustrate the importance of graphic illustrations in the field of engineering. The book hits home like no other visual presentation. Students see how decisions are made on the basis of poor quality and high quality graphics. These graphics produce a rare quietness in the classroom. There emerges a respect for the deceased astronauts. Students see how decision-makers employ graphic illustrations to determine a critical (in

this case, life-threatening) course of action. The illustrations played an important function in endorsing the liftoff of the doomed Challenger. After students emotionally recover from the trauma of visually understanding the flaw in the O-rings, the graphics lead students to understand the statistical concept of "independence.

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