

Download Flow Visualization Techniques And Examples

As a subject in computer science, scientific visualization is the use of interactive, sensory representations, typically visual, of abstract data to reinforce cognition, hypothesis building, and reasoning. Data visualization is a related subcategory of visualization dealing with statistical graphics and geographic or spatial data (as in thematic cartography) that is abstracted in schematic form. One of the earliest examples of three-dimensional scientific visualisation was Maxwell's thermodynamic surface, sculpted in clay in 1874 by James Clerk Maxwell. This prefigured modern scientific visualization techniques that use computer graphics.. Notable early two-dimensional examples include the flow map of Napoleon's March on Moscow produced by Charles Joseph Minard in 1869; the ...Adjacent to data visualization are all the different disciplines that help us getting from raw data to visualizations. There are the topics of big data, data mining, and data exploration which come to mind. The world has gotten quite confused and lax about using the terms artificial intelligence and machine learning.