

Intro

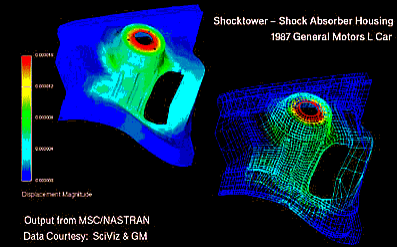
Visualização Introdução

Vis

- Científica
Dados de Natureza Geométrica
- de Informação
Abstração gráfica/visual necessária
- Combinação, princípios comuns e harmonização de objetivos

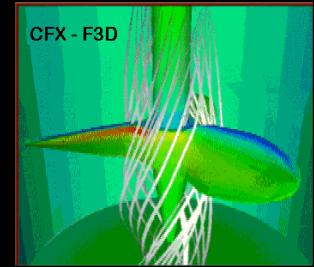
ViSC

Exemplos



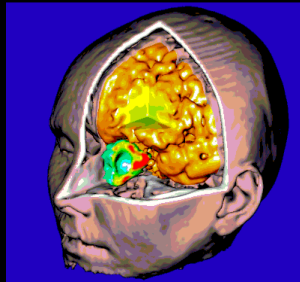
Engenharia

Simulação - CFD



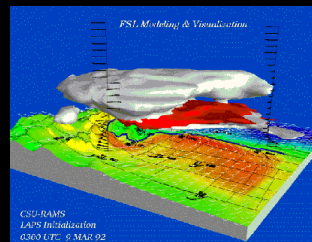
ViSC

Exemplos



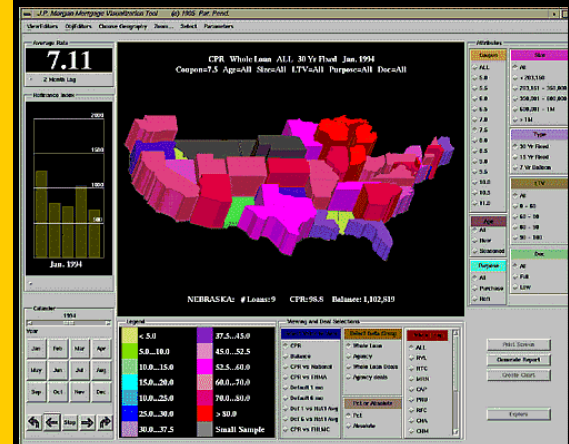
Medicina

Meteorologia

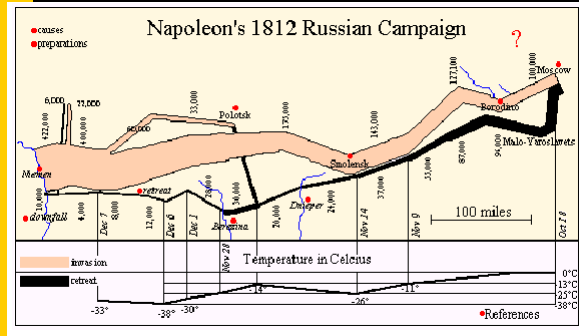


InfoVis

Exemplo
Dados
Financeiros



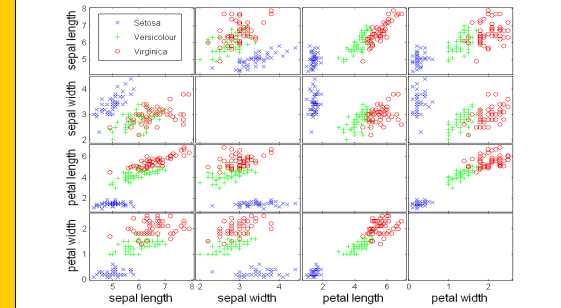
InfoVis



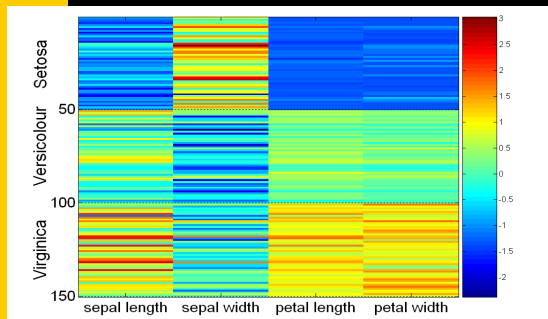
Exemplo Campanha Militar

Visualization Techniques for Multidimensional Data

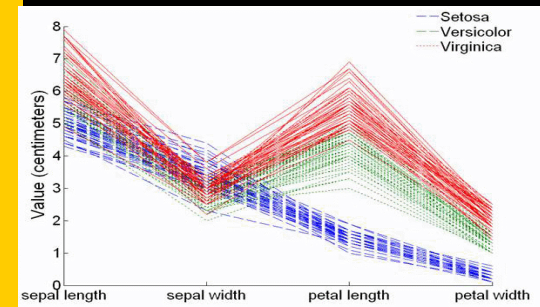
Scatter Plot Matrix



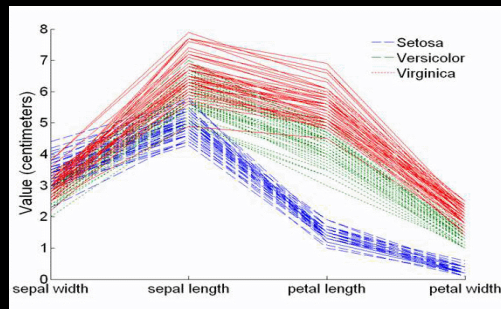
Data Matrix



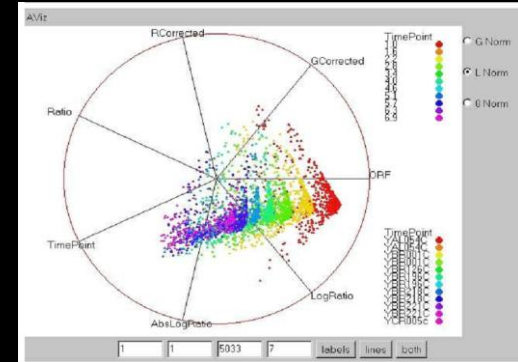
Parallel Coordinates



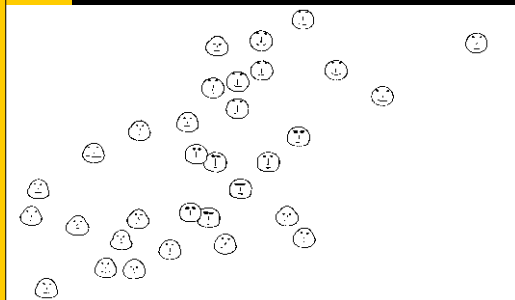
Parallel Coordinates



RadViz

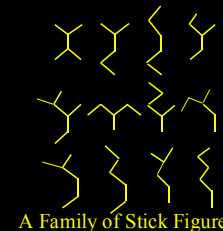


Chernoff Faces



Stick Figures

- properties of a line icon
- two attributes of the data are mapped to the display axes
- the remaining attributes are mapped to the angle/length of the limbs
- texture patterns in the visualization show certain data characteristics



Stick Figure
Icon

5-dimensional
NOAA image
data from the
great lake
region

