

DATA DISPLAY

Documents prepared for use in courses C22.0103 and B01.1305,
New York University, Stern School of Business

- Types of data page 3
“Data” is a catchall term. But data comes in a number of varieties, and it’s important to distinguish among these varieties.
- The Pareto chart page 7
The Pareto chart is a simple but flashy presentation method for categorical data.
- The dot diagram page 10
The dot diagram is a primitive display device for quantitative data. It can only be used for relatively small numbers of data points.
- The stem-and-leaf display page 12
This simple display for quantitative data can be constructed by hand. It’s an approximation to a histogram (bar chart), and it facilitates the hand calculation of the median and the quartiles. It gives a quick visual impression of the data while still providing considerable detail.
- The boxplot page 18
This graphical device for quantitative data is effective for comparing two or more groups. The boxplot utilizes the median and the quartiles.
- Boxplot pathologies page 22
Boxplots can sometimes look weird. Here are some examples, along with the reasons why they happen.

Cover: Clydesdale horses, Martha Clara Vineyards,
Riverhead, New York, July 2005

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