

An image is worth a 1000 words. Sometimes, especially for large amount of data, a graphical representation is very useful to express, observe and understand what's happening.

We want to answer: which type of visual representation is suitable for my data? How I can make it more attractive? How I read a chart?

Task: work in teams (2-3-4- max 5) students. Each team will peak one type of chart. For each team, complete the following tasks:

1. Construct some small data table which you then represent using the selected chart type. Choose such that the chart type is relevant. Try to think at familiar examples, ideally related to software quality aspects/metrics
2. Represent the chart
3. Apply improvements: use colours, use different sizes, use your imagination
4. Explain what you observe about the data based on the chart representation
5. Present: each team will nominate a presenter – 3 min/team

Chart types:

- a) Boxplot
- b) Radar chart
- c) Gauge chart
- d) Fishbone diagram
- e) Control chart
- f) Same data represented as: bar chart –histogram-Pareto chart, highlighting the differences