

warm-up activity:

question 3: strengths and weaknesses of viz: look at shape, color, layout

question 4: outright error: no direct correlation between area of circle and capacity

data formats:

text-human readable text aka words

comma separated=delimiter separated (i.e. space)

binary-computer readable

8 bits= 1 byte =256 max possibilities

7 bits = 127 max possible numbers

query based-web based (flexible)

JSON (like xml)

HDF5-ability to jump in data to save reading time; binary (no translation required)

row-by individual items

column-by category

bit code for decimal number

operational palette:

1st graph-original

2nd graph-sampling

3rd graph-random sampling

4th graph-frequency increased (loss of curvature)