

Q1.

A. 500 responses.

- Information on the uses of the software should be available for the company, A representative ratio would be the best sampling method (ie. the bulk of the users are from industry so the bulk of the responses should be from industry).

B. 20 of 457 sample:

- Area usage (some areas may have more usage than others cause the data to skew to one side)
- Limited representation (20 out of 457 is quite a small proportion - 4.3% of population - which could result in large amounts of sample variation)

Q2.

A. Measurement (continuous)

B. Measurement (discrete)

C. Measurement (continuous)

D. Categorical (nominal)

Q3.

- Figure 1:

- A. med = 17, LQ=9, UQ=24, IQR=13
- B. 1 outlier at roughly 47 or 48
- C. There is no apparent bottom value.

- Figure 2:

- D. Relative frequency
- E. Data labels
- F. Skewed to the left
- G. The 4th
- There do appear to be similarities in the graphs values that indicate they are from the same data. (ie. similar medians, similar skew, apparently similar quartile ranges).

Q4.

