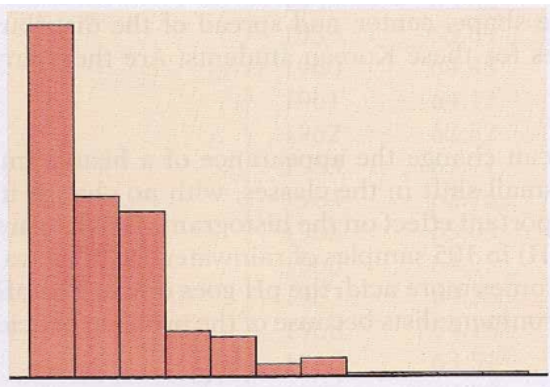


Exercise 3B.1

Answer the following questions:

- (a) What kind of data is best summarized by a histogram?
- (b) What kind of data can be summarized by bar charts?
- (c) Are the data shown in the histogram below symmetric, right skewed, left skewed, or none of those?



- (d) For the histogram above, which would we expect to be larger – the mean or the median?

Exercise 3B.2

A small sample of undergraduate students was randomly selected from a chemistry course. Their GPAs were recorded and are shown below. Use these data to calculate the requested summary measures.

GPAs: 3.08, 2.5, 3.33, 3.75, 3.1, 2.64

(a) Mean

(b) Median

(c) Geometric mean