

# AP Statistics Part 1 Practice

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1. The following plots are given:

- (a) Stem and leaf plot:
- (b) Frequency table:
- (c) Histogram:

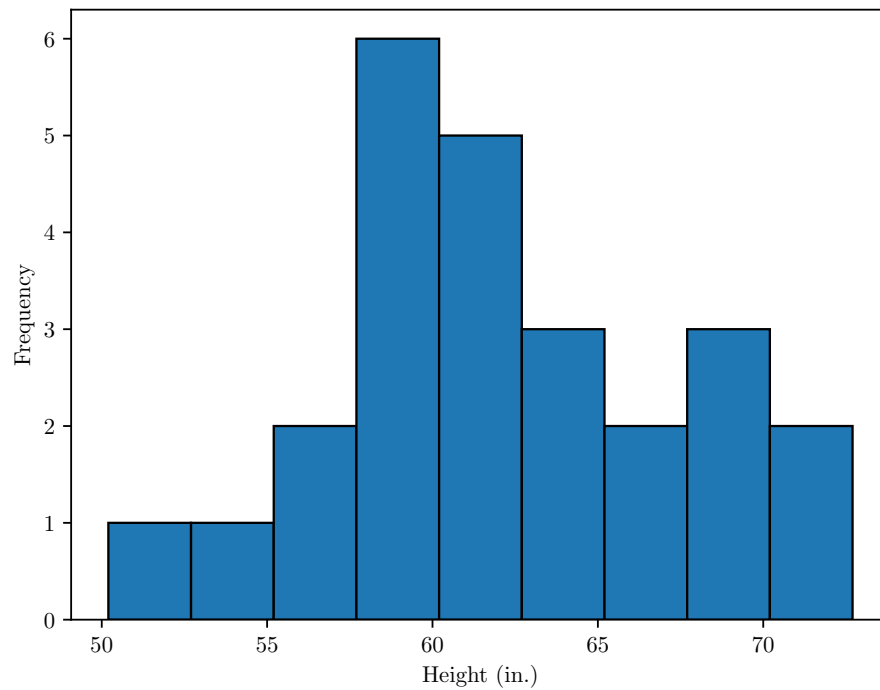


Figure 1: A histogram showing women's heights (in inches)

- (d) Pie chart:

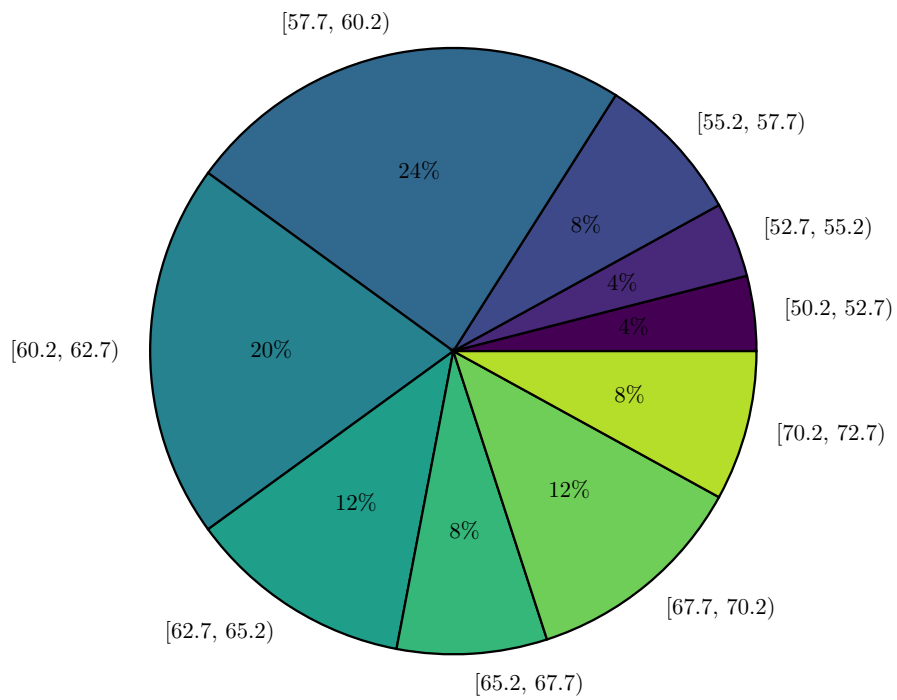


Figure 2: A pie chart showing women's heights (in inches)

(e) Box plot:

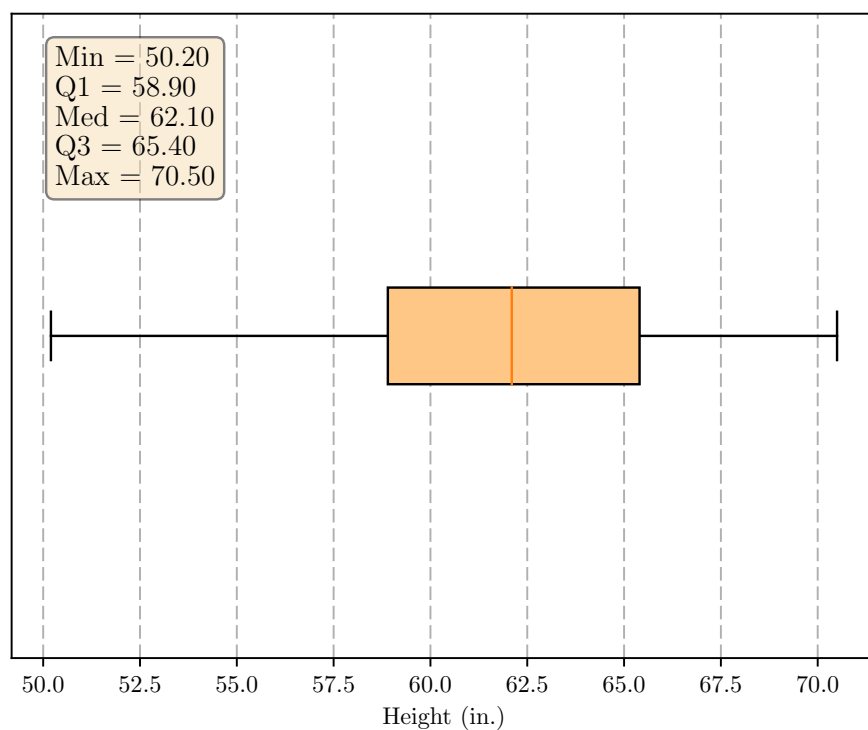


Figure 3: A box plot showing women's heights (in inches)

2. These data were used to compute the following sample summative statistics:

Table 1: Summative statistics about women's heights (in inches)

Statistic	Value
Mean	61.88
Median	62.1
Mode	59.3, 62.1, 62.4, 63.1, 68.5
Midrange	10.15
Range	20.3
Variance	25.68
Standard Deviation	5.07