Project 2.4
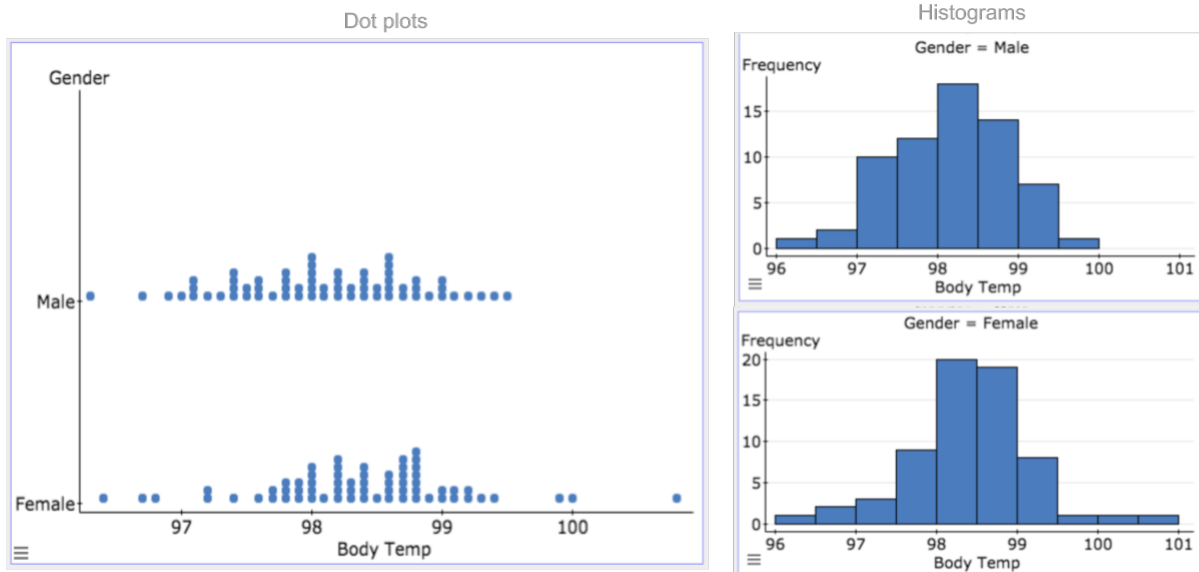
Math 206, BCC

In the current medical practice, 98.6^oF is considered a normal body temperature. Should there be different normal temperature benchmarks for men and women?

Summary Statistics

	female	male
n	65.00	65.00
Mean	98.39	98.10
SD	0.74	0.69
Median	98.40	98.10
Min	96.40	96.30
Max	100.80	99.50

Instructions

Develop a thesis statement that addresses the question.

Make observations about shape, center, spread, and outliers (if there are any). For this analysis, use the mean as a representative value to summarize the data. When describing spread, include min to max interval and overall range, SD, along with an interval of typical measurements given by mean ± SD. Also include other observations that support your thesis.

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Write the analysis

Write one or more paragraphs that use your observations to support the thesis.

Tip: If you are having trouble writing a paragraph, start with a sentence that gives your thesis. Then write a sentence that compares body temperatures for men and women for each of the observations you made previously about shape, center, and spread. Add transitions that help tie your observations back to your thesis.