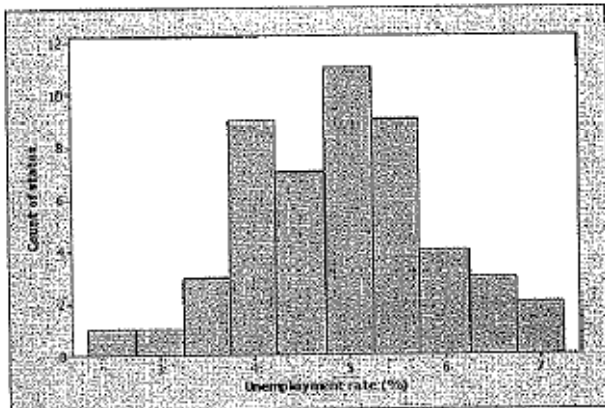p. 118

2)      The standardized batting averages for the three hitters are Cobb = 4.15, Williams = 4.26, and
        Brett = 4.07.  All three hitters were at least 4 standard deviations above their peers' batting average,
        but Williams was the highest.

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6)  a)



b)      The mean is  4.896%  and the standard deviation is 0.976%. The five-number summary is: min = 2.7%,
        Q1 = 4.1%, median = 4.8%, Q3 = 5.5%, and max = 7.1%. The distribution of unemployment rate is
        somewhat symmetric with a center around 4.896%. The spread is from 2.7% to 7.1%. There are no gaps
        or outliers.

c)      The unemployment rate for Illinois falls at the 84$^{th}$ percentile. Illinois has one of the higher
        unemployment rates in the country --- 84% of the other 50 states have an unemployment rate equal
        to below Illinois' rate of 5.8%.

d)      Minnesota's unemployment rate of 4.3% falls at the 30$^{th}$ percentile. The z-score for this rate is -0.61.

e)      OMIT

8)      Larry should **not** be excited about being the 90$^{th}$ percentile in this situation. About 90% of the men like
        Larry have identical or lower blood pressures.