9.1 - Quartiles and IQR

- $Q_1$ - median of lower half
- $Q_2$ - median of ALL
- $Q_3$ - median of upper half

$IQR = Q_3 - Q_1$, tells us about the middle 50%.

9.2 - Stem-and-Leaf

<table>
<thead>
<tr>
<th>Title</th>
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<tbody>
<tr>
<td>stem</td>
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<tr>
<td>9</td>
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<td>11</td>
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<td>12</td>
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</tbody>
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Key: 101 lbs. = weight in lbs of great dane

9.3 - Box Plots and MAD

5 point summary:
- min. (lower extreme)
- $Q_1$
- $Q_2$ - median
- $Q_3$
- max (upper extreme)

Average dist. from mean (spread out?)
Whiskers
Range
Max-min (spread out?)