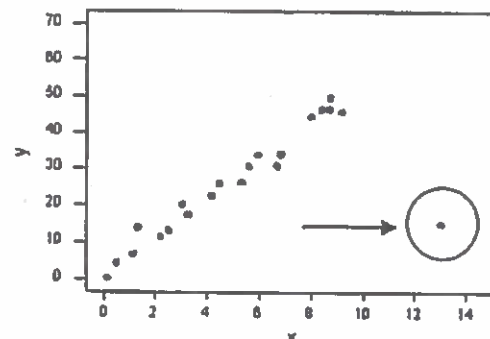


<p>Interquartile Range</p>	<p>difference between the 1st and 3rd quartiles.</p>	<p>Subtract</p> <p>Third Quartile (Q_3) – First Quartile (Q_1) = IQR</p>																																
<p>Outlier</p>	<p>point that is distant from all other points</p>	 <p>more than 1.5 times IQR from Q_1 or Q_3</p>																																
<p>Mean</p>	<p>Average of the numbers</p>	<p>$5 + 4 + 2 + 6 + 3 = 20$</p> <p>$\frac{20}{5} = 4$ The Mean is <u>4</u>.</p>																																
<p>Mean Absolute Deviation (MAD)</p>	<p>average distance between each data value and the mean</p>	<p>Steps:</p> <ol style="list-style-type: none"> 1. Find the Mean 2. Calculate the absolute value of the difference between each data value and the mean 3. Determine the average of the differences in step 2. This average is the mean absolute deviation 																																
<p>Two-Way Frequency Table</p>	<p>compares two categorical variables in a table</p>	<table border="1" data-bbox="909 1323 1291 1522"> <thead> <tr> <th></th> <th>Play Daily</th> <th>Play Occasionally</th> <th>Total</th> </tr> </thead> <tbody> <tr> <th>Boys</th> <td>16</td> <td>8</td> <td>24</td> </tr> <tr> <th>Girls</th> <td>4</td> <td>12</td> <td>16</td> </tr> <tr> <th>Total</th> <td>20</td> <td>20</td> <td>40</td> </tr> </tbody> </table> <p>Joint frequencies are in the body of the table.</p> <p>Marginal frequencies are in the "Total" row and "Total" column.</p> <table border="1" data-bbox="909 1585 1291 1785"> <thead> <tr> <th></th> <th>Play Daily</th> <th>Play Occasionally</th> <th>Total</th> </tr> </thead> <tbody> <tr> <th>Boys</th> <td>40%</td> <td>20%</td> <td>60%</td> </tr> <tr> <th>Girls</th> <td>10%</td> <td>30%</td> <td>40%</td> </tr> <tr> <th>Total</th> <td>50%</td> <td>50%</td> <td>100%</td> </tr> </tbody> </table> <p>Conditional frequencies are in the body of the table.</p> <p>Marginal frequencies are in the "Total" row and "Total" column.</p>		Play Daily	Play Occasionally	Total	Boys	16	8	24	Girls	4	12	16	Total	20	20	40		Play Daily	Play Occasionally	Total	Boys	40%	20%	60%	Girls	10%	30%	40%	Total	50%	50%	100%
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