

III. ORGANIZING DATA:

TERMS TO KNOW:

#	TERM	EXAMPLE	DEFINITION																																																																														
1	DATA TABLE	<table border="1"> <thead> <tr> <th>Player First Name</th> <th>Player Last Name</th> <th>Vertical Jump</th> <th>Sprint (20)</th> <th>Top Speed</th> <th>Acceleration</th> <th>"S" Cornering</th> <th>MPH</th> </tr> </thead> <tbody> <tr><td>Player-1</td><td>18.0</td><td>2.07</td><td>1.74</td><td>3.77</td><td>6.47</td><td>19.6</td></tr> <tr><td>Player-2</td><td>19.5</td><td>2.19</td><td>1.80</td><td>3.75</td><td>6.88</td><td>18.9</td></tr> <tr><td>Player-3</td><td>21.0</td><td>2.08</td><td>1.66</td><td>3.57</td><td>6.59</td><td>20.5</td></tr> <tr><td>Player-4</td><td>18.0</td><td>2.16</td><td>1.81</td><td>3.75</td><td>6.65</td><td>18.8</td></tr> <tr><td>Player-5</td><td>19.5</td><td>1.98</td><td>1.68</td><td>3.57</td><td>6.33</td><td>20.3</td></tr> <tr><td>Player-6</td><td>21.0</td><td>2.08</td><td>3.72</td><td>1.76</td><td>6.74</td><td>9.2</td></tr> <tr><td>Player-7</td><td>18.5</td><td>2.11</td><td>1.77</td><td>3.65</td><td>6.77</td><td>19.3</td></tr> <tr><td>Player-8</td><td>19.0</td><td>2.10</td><td>1.76</td><td>3.63</td><td>7.23</td><td>19.4</td></tr> <tr><td>Player-9</td><td>18.5</td><td>2.07</td><td>1.67</td><td>3.88</td><td>6.47</td><td>20.4</td></tr> <tr><td>Player-10</td><td>19.0</td><td>2.22</td><td>1.70</td><td>3.87</td><td>6.95</td><td>20.1</td></tr> </tbody> </table>	Player First Name	Player Last Name	Vertical Jump	Sprint (20)	Top Speed	Acceleration	"S" Cornering	MPH	Player-1	18.0	2.07	1.74	3.77	6.47	19.6	Player-2	19.5	2.19	1.80	3.75	6.88	18.9	Player-3	21.0	2.08	1.66	3.57	6.59	20.5	Player-4	18.0	2.16	1.81	3.75	6.65	18.8	Player-5	19.5	1.98	1.68	3.57	6.33	20.3	Player-6	21.0	2.08	3.72	1.76	6.74	9.2	Player-7	18.5	2.11	1.77	3.65	6.77	19.3	Player-8	19.0	2.10	1.76	3.63	7.23	19.4	Player-9	18.5	2.07	1.67	3.88	6.47	20.4	Player-10	19.0	2.22	1.70	3.87	6.95	20.1	<ul style="list-style-type: none"> A chart that shows information in rows & columns Columns & Rows are labeled Used for organizing data collected during an experiment
Player First Name	Player Last Name	Vertical Jump	Sprint (20)	Top Speed	Acceleration	"S" Cornering	MPH																																																																										
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2	BAR GRAPH		<ul style="list-style-type: none"> Shows data as bars of different lengths; Makes it easier to compare amounts Used for analyzing data 																																																																														
3	X-AXIS		<p>The horizontal or bottom edge of a graph (1st in graphing) (Remember “horizon” – where the earth meets the sky; side to side; Railroad crossing)</p>																																																																														
4	Y- AXIS		<p>The vertical or side edge of a graph (2nd in graphing) (Remember “vertigo” – up & down; the letter “Y” goes up and down)</p>																																																																														
5	LINE GRAPH		<ul style="list-style-type: none"> Shows data as a line across a grid Has an x-axis & a y-axis Shows changes over time Used for analyzing changes 																																																																														
6	CIRCLE GRAPH		<ul style="list-style-type: none"> A diagram used to compare parts of a whole Used for analyzing parts compared to the whole 																																																																														
7	DIAGRAM		<ul style="list-style-type: none"> A drawing that shows the parts of something Usually labeled Used to gain information about something 																																																																														