

A scatter plot showing the relationship between an unlabeled variable (Y-axis) and Weight (1000 lbs) (X-axis). The X-axis ranges from approximately 1.5 to 5.5, with major ticks at 2, 3, 4, and 5. The Y-axis ranges from approximately 0 to 10, with major ticks at 2, 4, 6, 8, and 10. The data points are clustered into three distinct groups based on color: teal, red, and orange. The teal cluster is located in the upper left, the red cluster is in the middle, and the orange cluster is in the lower right.

Weight (1000 lbs)	Unlabeled Variable	Cluster
1.5	8.5	Teal
1.6	8.5	Teal
1.8	9.5	Teal
1.9	7.5	Teal
2.1	8.5	Teal
2.2	9.0	Teal
2.3	7.0	Teal
2.4	6.5	Teal
2.5	6.0	Teal
2.7	6.0	Teal
2.8	5.5	Red
2.9	5.0	Red
3.0	5.5	Red
3.1	6.5	Teal
3.2	6.0	Teal
3.2	5.5	Red
3.4	5.5	Red
3.4	5.0	Red
3.4	4.5	Red
3.4	4.0	Red
3.4	3.5	Red
3.4	3.0	Red
3.4	2.5	Red
3.4	2.0	Red
3.4	1.5	Red
3.4	1.0	Red
3.4	0.5	Red
3.5	3.5	Orange
3.5	3.0	Orange
3.5	2.5	Orange
3.5	2.0	Orange
3.5	1.5	Orange
3.5	1.0	Orange
3.5	0.5	Orange
3.6	3.5	Orange
3.6	3.0	Orange
3.6	2.5	Orange
3.6	2.0	Orange
3.6	1.5	Orange
3.6	1.0	Orange
3.6	0.5	Orange
3.7	3.5	Orange
3.7	3.0	Orange
3.7	2.5	Orange
3.7	2.0	Orange
3.7	1.5	Orange
3.7	1.0	Orange
3.7	0.5	Orange
3.8	3.5	Orange
3.8	3.0	Orange
3.8	2.5	Orange
3.8	2.0	Orange
3.8	1.5	Orange
3.8	1.0	Orange
3.8	0.5	Orange
3.9	3.5	Orange
3.9	3.0	Orange
3.9	2.5	Orange
3.9	2.0	Orange
3.9	1.5	Orange
3.9	1.0	Orange
3.9	0.5	Orange
4.0	3.5	Orange
4.0	3.0	Orange
4.0	2.5	Orange
4.0	2.0	Orange
4.0	1.5	Orange
4.0	1.0	Orange
4.0	0.5	Orange
4.1	3.5	Orange
4.1	3.0	Orange
4.1	2.5	Orange
4.1	2.0	Orange
4.1	1.5	Orange
4.1	1.0	Orange
4.1	0.5	Orange
4.2	3.5	Orange
4.2	3.0	Orange
4.2	2.5	Orange
4.2	2.0	Orange
4.2	1.5	Orange
4.2	1.0	Orange
4.2	0.5	Orange
4.3	3.5	Orange
4.3	3.0	Orange
4.3	2.5	Orange
4.3	2.0	Orange
4.3	1.5	Orange
4.3	1.0	Orange
4.3	0.5	Orange
4.4	3.5	Orange
4.4	3.0	Orange
4.4	2.5	Orange
4.4	2.0	Orange
4.4	1.5	Orange
4.4	1.0	Orange
4.4	0.5	Orange
4.5	3.5	Orange
4.5	3.0	Orange
4.5	2.5	Orange
4.5	2.0	Orange
4.5	1.5	Orange
4.5	1.0	Orange
4.5	0.5	Orange
4.6	3.5	Orange
4.6	3.0	Orange
4.6	2.5	Orange
4.6	2.0	Orange
4.6	1.5	Orange
4.6	1.0	Orange
4.6	0.5	Orange
4.7	3.5	Orange
4.7	3.0	Orange
4.7	2.5	Orange
4.7	2.0	Orange
4.7	1.5	Orange
4.7	1.0	Orange
4.7	0.5	Orange
4.8	3.5	Orange
4.8	3.0	Orange
4.8	2.5	Orange
4.8	2.0	Orange
4.8	1.5	Orange
4.8	1.0	Orange
4.8	0.5	Orange
4.9	3.5	Orange
4.9	3.0	Orange
4.9	2.5	Orange
4.9	2.0	Orange
4.9	1.5	Orange
4.9	1.0	Orange
4.9	0.5	Orange
5.0	3.5	Orange
5.0	3.0	Orange
5.0	2.5	Orange
5.0	2.0	Orange
5.0	1.5	Orange
5.0	1.0	Orange
5.0	0.5	Orange
5.1	3.5	Orange
5.1	3.0	Orange
5.1	2.5	Orange
5.1	2	

A bar chart with 'Cylinders' on the x-axis and 'Average Miles per Gallon' on the y-axis. The x-axis has labels 4, 6, and 8. The y-axis has labels 0, 10, and 20. There are three bars: a teal bar for 4 cylinders reaching approximately 27 mpg, a salmon bar for 6 cylinders reaching 20 mpg, and an orange bar for 8 cylinders reaching approximately 15 mpg.

Cylinders	Average Miles per Gallon
4	27
6	20
8	15

A box plot showing the distribution of Miles per Gallon (MPG) for three different cylinder counts: 4, 6, and 8. The y-axis represents MPG, ranging from 10 to 35. The x-axis represents the number of cylinders. The plot shows that as the number of cylinders increases, the MPG generally decreases. The 4-cylinder group has the highest median MPG (around 26), followed by the 6-cylinder group (around 19.5), and the 8-cylinder group has the lowest median MPG (around 15.5). There are also outliers for the 8-cylinder group at approximately 10.5 and 19.5 MPG.

Cylinders	Min	Q1	Median	Q3	Max	Outliers
4	21.5	22.8	26.0	30.5	34.0	
6	18.0	18.8	19.5	21.0	21.5	
8	13.5	14.5	15.5	16.3	18.5	10.5, 19.5