



## Data Boot Camp Grading Rubric

# Unit 16 - D3 Homework - Data Journalism and D3

### Instructions:

Evaluate the homework against the outlined criteria in the below rubric, assigning a rating to each criterion. Add points earned across all criteria and convert the total points to a letter grade, assigning a “+” or “-” letter grade designation at your discretion.

A (+/-)	35+	C (+/-)	15-24	F (+/-)	<5
B (+/-)	25-34	D (+/-)	5-14		

### Notes:

The assignment utilizes **D3** to complete the challenge. The source code should also be deployed to Github or Gitlab

### Rubric for Data Journalism and D3:

	<b>Mastery 20 points</b>	<b>Approaching Mastery 15 points</b>	<b>Progressing 10 points</b>	<b>Emerging 5-0 points</b>	<b>Incomplete</b>
<b>Data Points</b>	The D3 plot has all of the following: <ul style="list-style-type: none"><li>✓ No missing data points</li><li>✓ Each point is labeled with state abbreviation</li><li>✓ Each abbreviation fits inside of the data point</li><li>✓ Data points are in the correct location based on their data</li></ul>	The D3 plot has 3 of the following: <ul style="list-style-type: none"><li>✓ No missing data points</li><li>✓ Each point is labeled with state abbreviation</li><li>✓ Each abbreviation fits inside of the data point</li><li>✓ Data points are in the correct location based on their data</li></ul>	The D3 plot has 2 of the following: <ul style="list-style-type: none"><li>✓ No missing data points</li><li>✓ Each point is labeled with state abbreviation</li><li>✓ Each abbreviation fits inside of the data point</li><li>✓ Data points are in the correct location based on their data</li></ul>	The D3 plot has 0-1 of the following: <ul style="list-style-type: none"><li>✓ No missing data points</li><li>✓ Each point is labeled with state abbreviation</li><li>✓ Each abbreviation fits inside of the data point</li><li>✓ Data points are in the correct location based on their data</li></ul>	No submission was received  -OR-  Submission was empty or blank  -OR-  Submission contains evidence of academic dishonesty
<b>Axes</b>	The D3 plot has all of the following: <ul style="list-style-type: none"><li>✓ Correct x axis title</li><li>✓ Correct y axis title</li><li>✓ Correct x ticks for chosen variable</li><li>✓ Correct y ticks for chosen variable</li><li>✓ x and y scales are spread out enough to prevent data points from</li></ul>	The D3 plot has 4 of the following: <ul style="list-style-type: none"><li>✓ Correct x axis title</li><li>✓ Correct y axis title</li><li>✓ Correct x ticks for chosen variable</li><li>✓ Correct y ticks for chosen variable</li></ul>	The D3 plot has 2-3 of the following: <ul style="list-style-type: none"><li>✓ Correct x axis title</li><li>✓ Correct y axis title</li><li>✓ Correct x ticks for chosen variable</li><li>✓ Correct y ticks for chosen variable</li></ul>	The D3 plot has 0-1 of the following: <ul style="list-style-type: none"><li>✓ Correct x axis title</li><li>✓ Correct y axis title</li><li>✓ Correct x ticks for chosen variable</li><li>✓ Correct y ticks for chosen variable</li></ul>	



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	overlapping	✓ x and y scales are spread out enough to prevent data points from overlapping	✓ x and y scales are spread out enough to prevent data points from overlapping	✓ x and y scales are spread out enough to prevent data points from overlapping	
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### Bonus:

	<b>Mastery 10 points</b>	<b>Approaching Mastery 5 points</b>	<b>Emerging 0 points</b>
<b>Bonus</b>	<p>The D3 plot has all of the following:</p> <p><b>Data Points:</b></p> <ul style="list-style-type: none"><li>✓ No missing data points</li><li>✓ Each point is labeled with state abbreviation</li><li>✓ Each abbreviation fits inside of the data point</li><li>✓ Data points are in the correct location based on their data</li></ul> <p><b>Axies:</b></p> <ul style="list-style-type: none"><li>✓ Multiple x axis titles</li><li>✓ Multiple y axis titles</li><li>✓ y ticks and scale update when y variable is changed</li><li>✓ x ticks and scale update when x variable is changed</li><li>✓ x and y scales are spread out enough to prevent data points from overlapping</li></ul> <p><b>Tooltips:</b></p> <ul style="list-style-type: none"><li>✓ Full state name</li><li>✓ Selected x axis variable and value</li><li>✓ Selected y axis variable and value</li><li>✓ Selected data point gains a border when hovered over</li></ul>	<p>The D3 plot has 10 or more of the following:</p> <p><b>Data Points:</b></p> <ul style="list-style-type: none"><li>✓ No missing data points</li><li>✓ Each point is labeled with state abbreviation</li><li>✓ Each abbreviation fits inside of the data point</li><li>✓ Data points are in the correct location based on their data</li></ul> <p><b>Axies:</b></p> <ul style="list-style-type: none"><li>✓ Multiple x axis titles</li><li>✓ Multiple y axis titles</li><li>✓ y ticks and scale update when y variable is changed</li><li>✓ x ticks and scale update when x variable is changed</li><li>✓ x and y scales are spread out enough to prevent data points from overlapping</li></ul> <p><b>Tooltips:</b></p> <ul style="list-style-type: none"><li>✓ Full state name</li><li>✓ Selected x axis variable and value</li><li>✓ Selected y axis variable and value</li><li>✓ Selected data point gains a border when hovered over</li></ul>	<p>The D3 plot has 9 or less of the following:</p> <p><b>Data Points:</b></p> <ul style="list-style-type: none"><li>✓ No missing data points</li><li>✓ Each point is labeled with state abbreviation</li><li>✓ Each abbreviation fits inside of the data point</li><li>✓ Data points are in the correct location based on their data</li></ul> <p><b>Axies:</b></p> <ul style="list-style-type: none"><li>✓ Multiple x axis titles</li><li>✓ Multiple y axis titles</li><li>✓ y ticks and scale update when y variable is changed</li><li>✓ x ticks and scale update when x variable is changed</li><li>✓ x and y scales are spread out enough to prevent data points from overlapping</li></ul> <p><b>Tooltips:</b></p> <ul style="list-style-type: none"><li>✓ Full state name</li><li>✓ Selected x axis variable and value</li><li>✓ Selected y axis variable and value</li><li>✓ Selected data point gains a border when hovered over</li></ul>



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