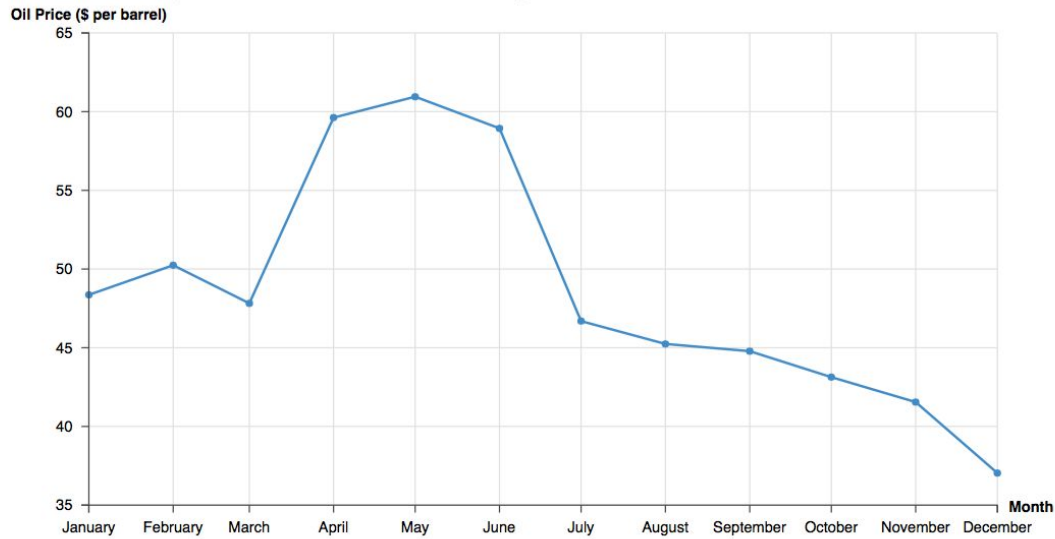


# Monthly Oil Price History in 2015



<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value
<b>Stem</b>	What was the price of a barrel of oil in February 2015?
<b>Options</b> (highlight the correct option)	1) \$57.36 2) \$47.82 3) \$50.24 4) \$39.72

<b>Item 2</b>	
<b>Task Name</b>	Find Extremum
<b>Stem</b>	In which month was the price of a barrel of oil the lowest in 2015?
<b>Options</b> (highlight the correct option)	1) March 2) May 3) July 4) December

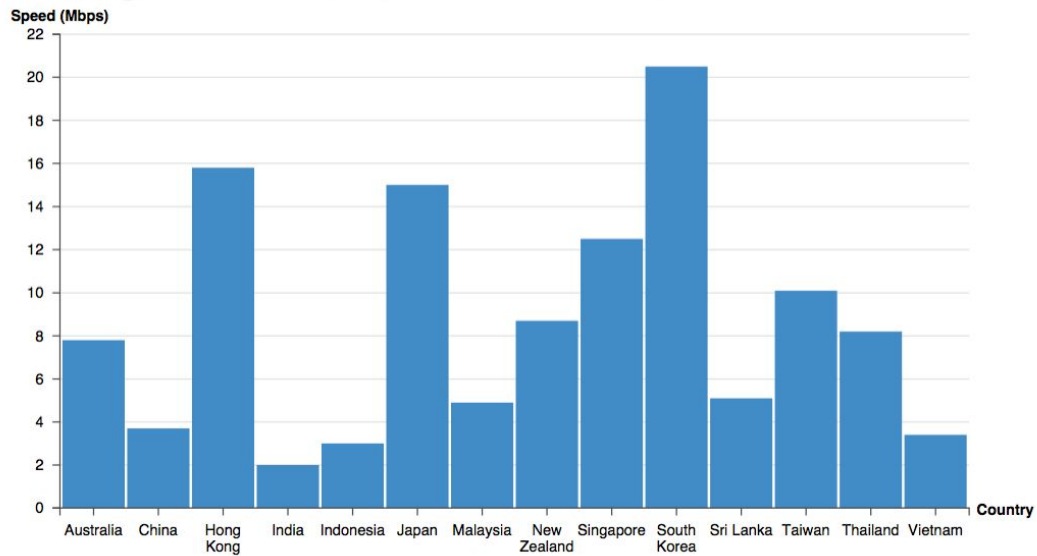
<b>Item 3</b>
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<b>Task Name</b>	Determine Range
<b>Stem</b>	What was the price range of a barrel of oil in 2015?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) \$35 - \$65</li> <li>2) \$48.36 - \$60.95</li> <li>3) \$37.04 - \$48.36</li> <li>4) \$37.04 - \$60.95</li> </ul>

<b>Item 4</b>	
<b>Task Name</b>	Find Correlations/Trends
<b>Stem</b>	Over the course of the second half of 2015, the price of a barrel of oil was _____.
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) rising</li> <li>2) falling</li> <li>3) staying</li> </ul>

<b>Item 5</b>	
<b>Task Name</b>	Make Comparisons
<b>Stem</b>	About how much did the price of a barrel of oil fall from April to September in 2015?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) \$4</li> <li>2) \$15</li> <li>3) \$17</li> <li>4) \$45</li> </ul>

# Average Internet Speeds in Asia



<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value
<b>Stem</b>	What is the average internet speed in Japan?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 10 Mbps</li> <li>2) 14 Mbps</li> <li>3) 15 Mbps</li> <li>4) 16 Mbps</li> </ul>

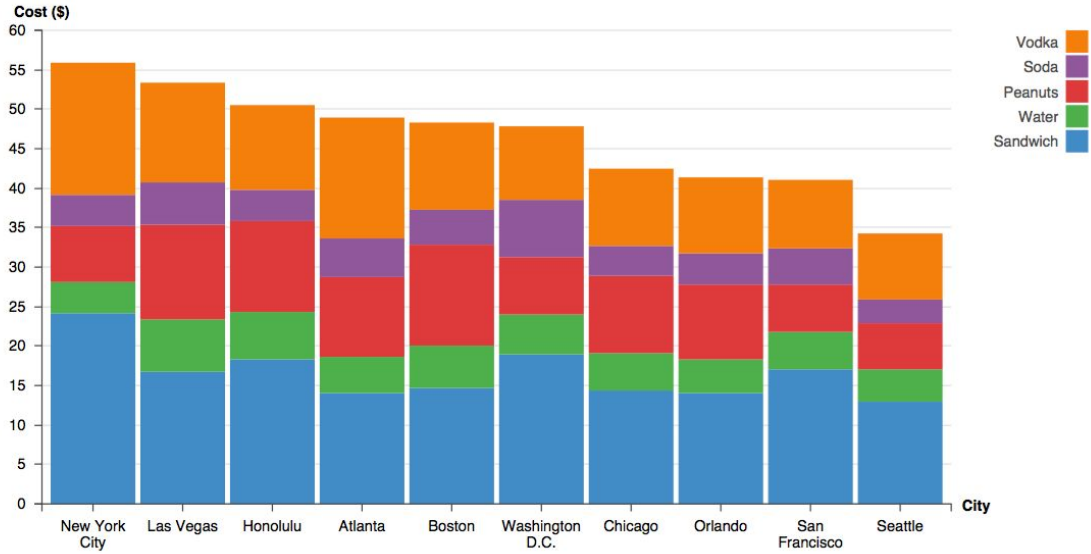
<b>Item 2</b>	
<b>Task Name</b>	Find Extremum
<b>Stem</b>	In which country is the average internet speed the fastest in Asia?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) China</li> <li>2) Hong Kong</li> <li>3) South Korea</li> <li>4) Vietnam</li> </ul>

<b>Item 3</b>
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<b>Task Name</b>	Determine Range
<b>Stem</b>	What is the range of the average internet speed in Asia?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 0 - 22 Mbps</li> <li>2) 2 - 20.5 Mbps</li> <li>3) 3 - 20 Mbps</li> <li>4) 3.4 - 7.8 Mbps</li> </ul>

<b>Item 4</b>	
<b>Task Name</b>	Make Comparisons
<b>Stem</b>	How many countries in Asia is the average internet speed slower than Thailand?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 5 countries</li> <li>2) 6 countries</li> <li>3) 7 countries</li> <li>4) 8 countries</li> </ul>

# Hotel Costs of Room Service



<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value (absolute value)
<b>Stem</b>	What is the cost of peanuts in Las Vegas?
<b>Options</b> (highlight the correct option)	<p>1) \$12</p> <p>2) \$16.7</p> <p>3) \$23.4</p> <p>4) \$35.4</p>

<b>Item 2</b>	
<b>Task Name</b>	Retrieve Value (relative value)
<b>Stem</b>	About what is the ratio of the cost of a sandwich to the total cost of room service in Seattle?
<b>Options</b> (highlight the correct option)	<p>1) 1 to 10</p> <p>2) 2 to 10</p> <p>3) 4 to 10</p> <p>4) 6 to 10</p>

<b>Item 3</b>	
<b>Task Name</b>	Find Extremum
<b>Stem</b>	In which city is the cost of soda the highest?
<b>Options</b> (highlight the correct option)	1) New York City 2) Las Vegas 3) Atalanta 4) Washington D.C.

<b>Item 4</b>	
<b>Task Name</b>	Determine Range
<b>Stem</b>	What is the cost range of a sandwich in the cities?
<b>Options</b> (highlight the correct option)	1) \$0 - \$24.2 2) \$0 - \$55.9 3) \$13 - \$24.2 4) \$17 - \$35.2

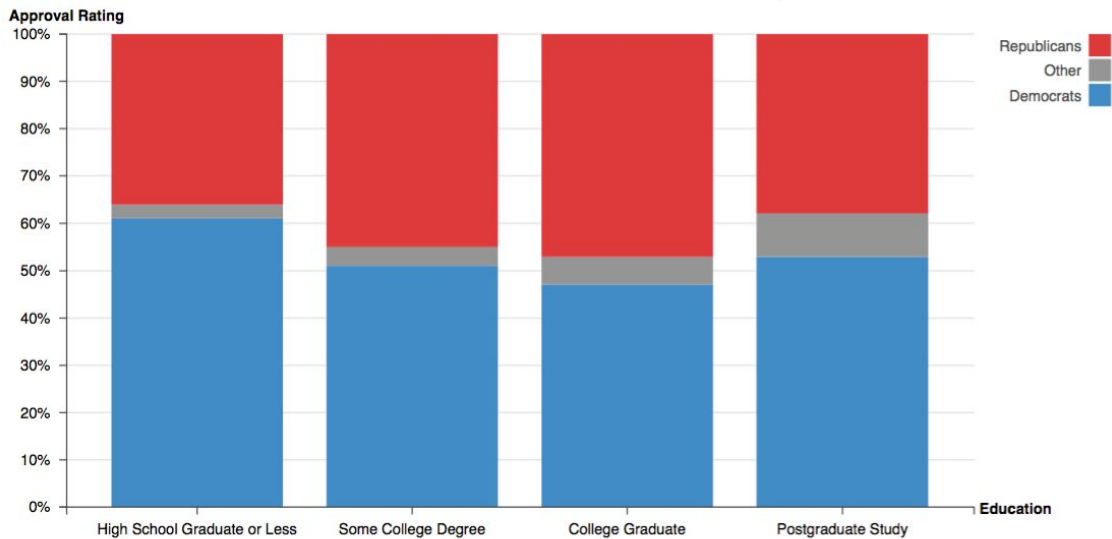
<b>Item 5</b>	
<b>Task Name</b>	Make Comparisons (absolute value)
<b>Stem</b>	The cost of vodka in Atlanta is higher than that of Honolulu.
<b>Options</b> (highlight the correct option)	1) True 2) False

<b>Item 6</b>	
<b>Task Name</b>	Make Comparisons (relative value)
<b>Stem</b>	The ratio of the cost of Soda to the cost of Water in Orlando is higher than that of Washington D.C.
<b>Options</b>	1) True 2) False

(highlight the  
correct option)

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# Election Exit Poll of California State by Education



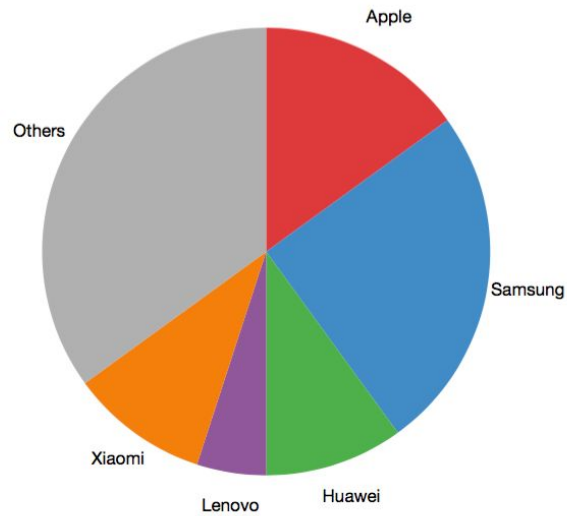
<b>Item 1</b>	
<b>Task Name</b>	Retrieve value (relative value)
<b>Stem</b>	What is the approval rating of Republicans among the people who have the education level of Postgraduate Study?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 38%</li> <li>2) 47%</li> <li>3) 53%</li> <li>4) 62%</li> </ul>

<b>Item 2</b>	
<b>Task Name</b>	Find Extremum (relative value)
<b>Stem</b>	What is the education level of people in which the Democrats have the lowest approval rating?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) High School Graduate or Less</li> <li>2) Some College Degree</li> <li>3) College Graduate</li> <li>4) Postgraduate study</li> </ul>



<b>Item 3</b>	
<b>Task Name</b>	Make Comparisons (relative value)
<b>Stem</b>	The approval rating of Republicans for the people who have the education level of Some College Degree is lower than that for the people who have the education level of Postgraduate Study.
<b>Options</b> (highlight the correct option)	1) True 2) False

## Global Smartphone Market Share (%)



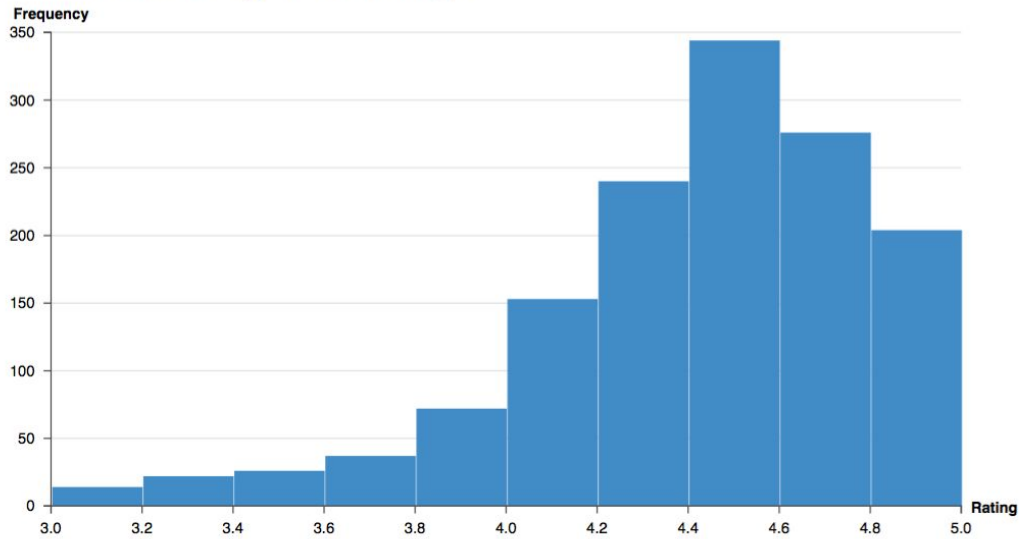
<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value (relative value)
<b>Stem</b>	About what is the global smartphone market share of Samsung?
<b>Options</b> (highlight the correct option)	1) 15% 2) 25% 3) 33% 4) 50%

<b>Item 2</b>	
<b>Task Name</b>	Find Extremum (relative value)
<b>Stem</b>	In which company is the global smartphone market share the smallest?
<b>Options</b> (highlight the correct option)	1) Apple 2) Xiaomi 3) Lenovo 4) Others

<b>Item 3</b>
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<b>Task Name</b>	Make Comparisons (relative value)
<b>Stem</b>	The global smartphone market share of Apple is larger than that of Huawei.
<b>Options</b> (highlight the correct option)	1) True 2) False

# Taxi Passenger Ratings



<b>Item 1</b>	
<b>Task Name</b>	Retrieve value (derived value)
<b>Stem</b>	How many people have rated the taxi between 4.0 and 4.2?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 145</li> <li>2) 153</li> <li>3) 200</li> <li>4) 240</li> </ul>

<b>Item 2</b>	
<b>Task Name</b>	Find Extremum (derived value)
<b>Stem</b>	What is the rating that the people have rated the taxi the most?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 4.2-4.4</li> <li>2) 4.4-4.6</li> <li>3) 4.6-4.8</li> <li>4) 4.8-5.0</li> </ul>

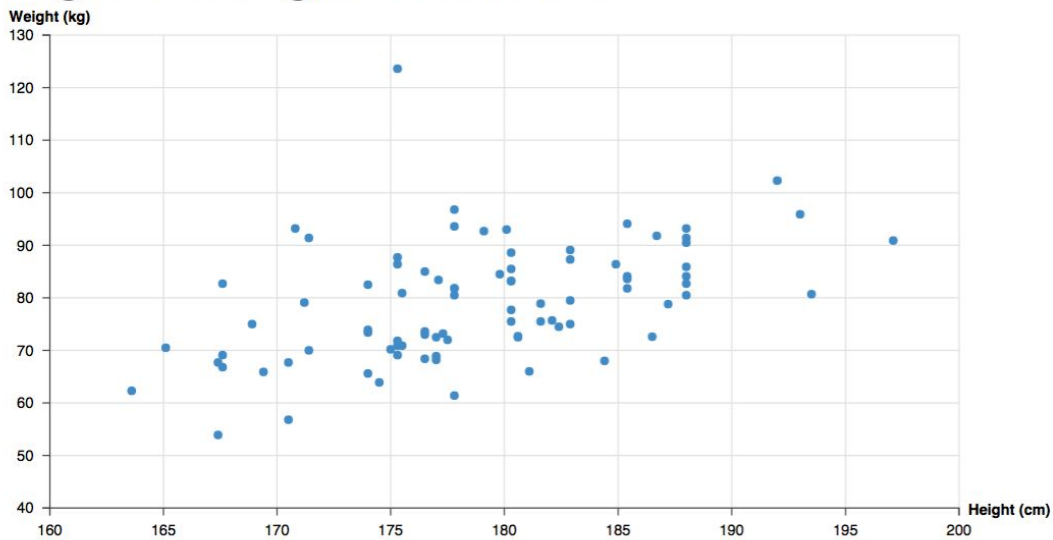
<b>Item 3</b>
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<b>Task Name</b>	Characterize Distribution
<b>Stem</b>	The distribution of the taxi passenger rating is generally skewed to the left.
<b>Options</b> (highlight the correct option)	1) True 2) False

<b>Item 4</b>	
<b>Task Name</b>	Make Comparisons (derived value)
<b>Stem</b>	More people have rated the taxi between 4.6 and 4.8 than between 4.2 and 4.4.
<b>Options</b> (highlight the correct option)	1) True 2) False

<b>Item 5</b>	
<b>Task Name</b>	Identify the Characteristic of Bins
<b>Stem</b>	How many people have rated the taxi 4.9?
<b>Options</b> (highlight the correct option)	1) 200 2) 240 3) 345 4) Cannot be inferred

## Height vs. Weight of 85 Males



Item 1	
<b>Task Name</b>	Retrieve Value
<b>Stem</b>	What is the weight for the person who is 165.1 cm tall?
<b>Options</b> (highlight the correct option)	1) 53.9 kg 2) 67.7 kg 3) 70.5 kg 4) 82.7 kg

Item 2	
<b>Task Name</b>	Find Extremum
<b>Stem</b>	What is the height for the tallest person among the 85 males?
<b>Options</b> (highlight the correct option)	1) 175.3 cm 2) 192 cm 3) 197.1 cm 4) 200 cm

<b>Item 3</b>	
<b>Task Name</b>	Determine Range
<b>Stem</b>	What is the range in weight for the 85 males?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 40 - 130 kg</li> <li>2) 62.3 - 90.9 kg</li> <li>3) 53.9 - 102.3 kg</li> <li>4) 53.9 - 123.6 kg</li> </ul>

<b>Item 4</b>	
<b>Task Name</b>	Characteristic Distribution
<b>Stem</b>	About the height for the 85 males is normally distributed.
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) True</li> <li>2) False</li> </ul>

<b>Item 5</b>	
<b>Task Name</b>	Find Anomalies
<b>Stem</b>	What is the height for a person who lies outside the others the most?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 167.4 cm</li> <li>2) 175.3 cm</li> <li>3) 193 cm</li> <li>4) 197.1 cm</li> </ul>

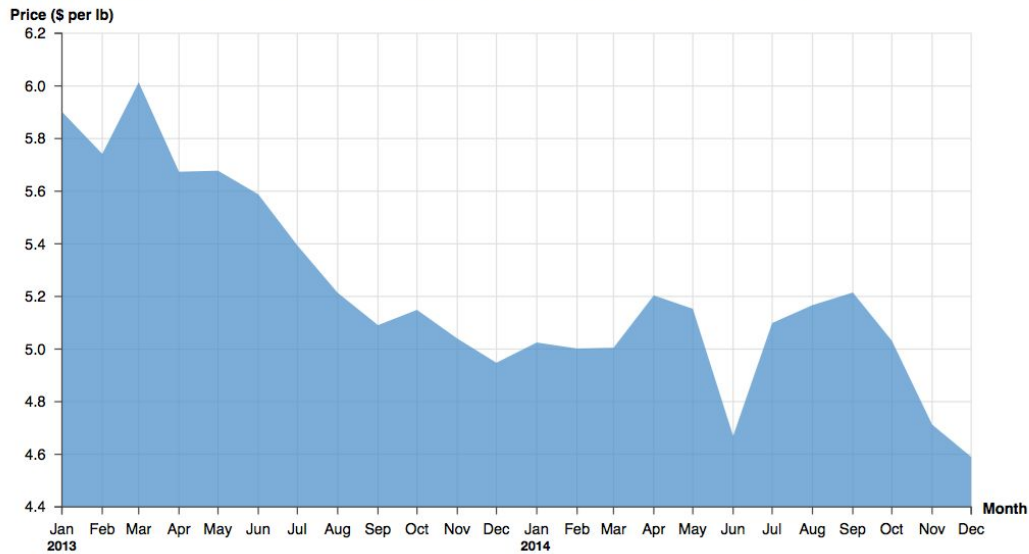
<b>Item 6</b>	
<b>Task Name</b>	Find Clusters
<b>Stem</b>	A group of males are gathered around the height of 176 cm and the weight of 70 kg.
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) True</li> <li>2) False</li> </ul>

<b>Item 7</b>	
<b>Task Name</b>	Find Correlations/Trends
<b>Stem</b>	There is a negative linear relationship between the height and the weight of the 85 males.
<b>Options</b> (highlight the correct option)	1) True 2) False

<b>Item 8</b>	
<b>Task Name</b>	Make Comparisons
<b>Stem</b>	The weights for males with the height of 188 cm are all the same.
<b>Options</b> (highlight the correct option)	1) True 2) False



## Average Coffee Bean Price from 2013 to 2014



<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value
<b>Stem</b>	What was the average price of a pound of coffee beans in September 2013?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. \$4.9</li> <li>2. \$5.0</li> <li>3. \$5.1</li> <li>4. \$5.2</li> </ol>

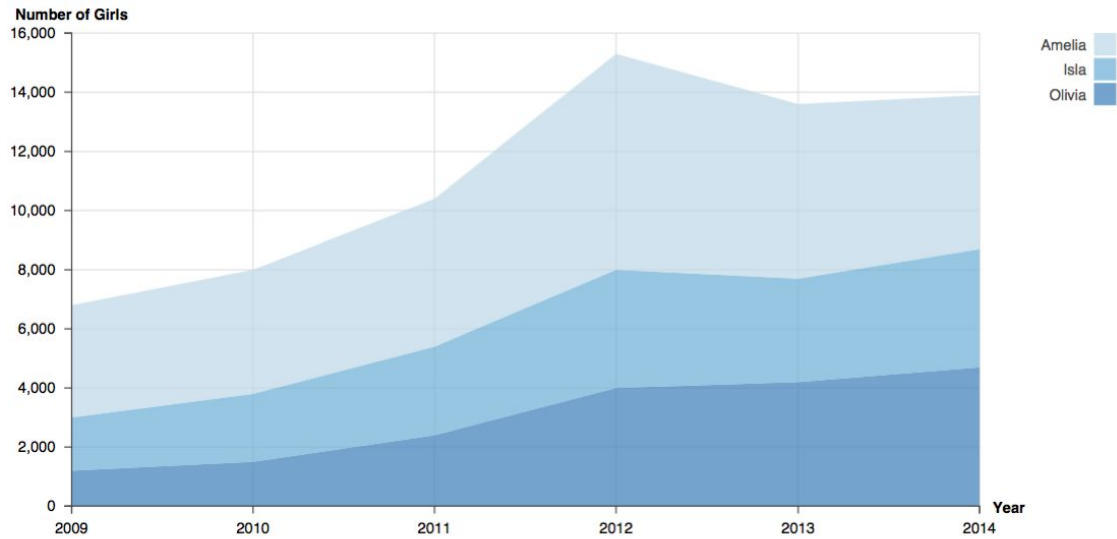
<b>Item 2</b>	
<b>Task Name</b>	Find Extremum
<b>Stem</b>	When was the average price of a pound of coffee beans at minimum?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. April 2013</li> <li>2. September 2013</li> <li>3. June 2014</li> <li>4. December 2014</li> </ol>

<b>Item 3</b>	
<b>Task Name</b>	Determine Range
<b>Stem</b>	What was the range of the average price of a pound of coffee beans between January 2013 and December 2014?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. \$4.4 - \$6.2</li> <li>2. \$4.6 - \$5.9</li> <li>3. \$4.6 - \$6.0</li> <li>4. \$4.6 - \$6.1</li> </ol>

<b>Item 4</b>	
<b>Task Name</b>	Find Correlations/Trends
<b>Stem</b>	Over the course of 2013, the average price of a pound of coffee beans was _____.
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. rising</li> <li>2. falling</li> <li>3. staying</li> </ol>

<b>Item 5</b>	
<b>Task Name</b>	Make Comparisons
<b>Stem</b>	For how many months was the average price of a pound of coffee beans cheaper than that in December 2013?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. 3 months</li> <li>2. 4 months</li> <li>3. 5 months</li> <li>4. 6 months</li> </ol>

# Popular Girls' Names in the UK



<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value (absolute value)
<b>Stem</b>	What was the number of girls named 'Amelia' in 2010 in the UK?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. 1,500</li> <li>2. 3,800</li> <li>3. 4,200</li> <li>4. 8,000</li> </ol>

<b>Item 2</b>	
<b>Task Name</b>	Retrieve Value (relative value)
<b>Stem</b>	About what was the ratio of the number of girls named 'Olivia' to those named 'Isla' in 2014 in the UK?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. 1 to 1</li> <li>2. 1 to 2</li> <li>3. 1 to 3</li> <li>4. 1 to 4</li> </ol>

<b>Item 3</b>	
<b>Task Name</b>	Find Extremum
<b>Stem</b>	Over the course of years between 2009 and 2014, when was the number of girls named 'Amelia' at the maximum?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. 2009</li> <li>2. 2011</li> <li>3. 2012</li> <li>4. 2014</li> </ol>

<b>Item 4</b>	
<b>Task Name</b>	Determine Range
<b>Stem</b>	Over the course of years between 2009 and 2014, what was the range of the number of girls named 'Olivia'?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. 1,200 - 4,700</li> <li>2. 1,200 - 8,700</li> <li>3. 1,800 - 4,000</li> <li>4. 3,000 - 8,700</li> </ol>

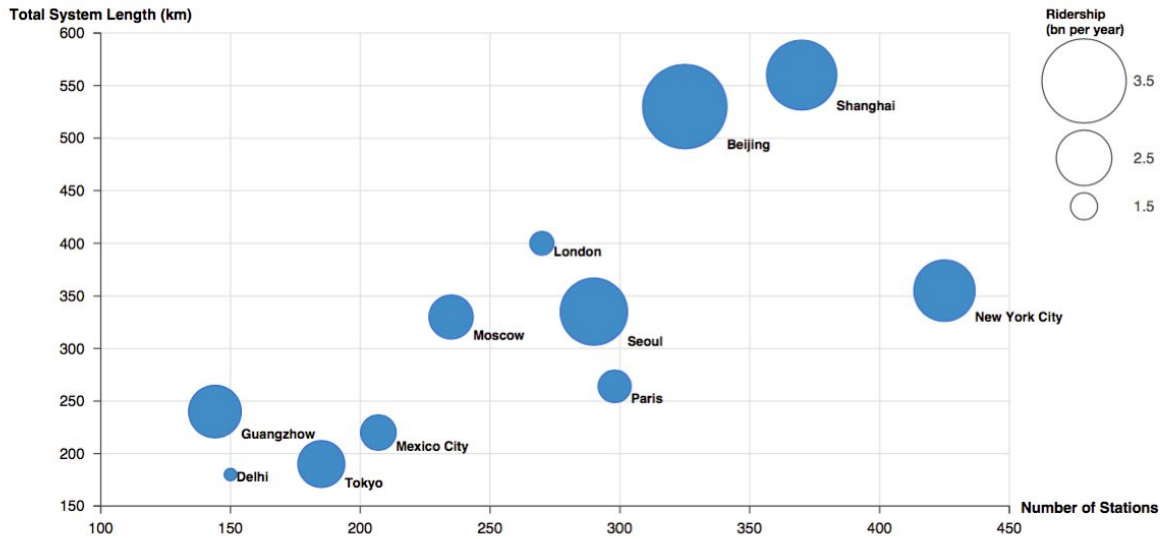
<b>Item 5</b>	
<b>Task Name</b>	Find Correlations/Trends
<b>Stem</b>	The number of girls named 'Isla' was _____ from 2009 to 2012.
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. rising</li> <li>2. falling</li> <li>3. staying</li> </ol>

<b>Item 6</b>	
<b>Task Name</b>	Make Comparisons (absolute value)
<b>Stem</b>	In the UK, the number of girls named 'Amelia' in 2014 was more than it was in 2013,

<b>Options</b> (highlight the correct option)	1. True 2. False
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<b>Item 7</b>	
<b>Task Name</b>	Make Comparisons (relative value)
<b>Stem</b>	Over the course of years between 2009 and 2014, the number of girls named 'Isla' was always more than 'Olivia'.
<b>Options</b> (highlight the correct option)	1. True 2. False

# Metro Systems of the World



Item 1	
<b>Task Name</b>	Retrieve value
<b>Stem</b>	What is the total length of the metro system in Beijing?
<b>Options</b> (highlight the correct option)	1) 330 km 2) 400 km 3) 530 km 4) 560 km

Item 2	
<b>Task Name</b>	Find extremum
<b>Stem</b>	Which city's metro system has the largest number of stations?
<b>Options</b> (highlight the correct option)	1) Seoul 2) Beijing 3) New York City 4) Shanghai

<b>Item 3</b>	
<b>Task Name</b>	Determine range
<b>Stem</b>	What is the range of the total length of the metro systems?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 150 - 600 km</li> <li>2) 240 - 380 km</li> <li>3) 240 - 560 km</li> <li>4) 180 - 560 km</li> </ul>

<b>Item 4</b>	
<b>Task Name</b>	Characterize Distribution
<b>Stem</b>	In general, the number of stations of the metro systems of the world is evenly distributed.
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) True</li> <li>2) False</li> </ul>

<b>Item 5</b>	
<b>Task Name</b>	Find anomalies
<b>Stem</b>	<p>In general, which city's metro system has a relatively short system length compared to the number of stations?</p> <p>Which city's metro system does lie outside the relationship between the total system length and the number of stations most?</p>
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) Tokyo</li> <li>2) New York City</li> <li>3) Beijing</li> <li>4) London</li> </ul>

<b>Item 6</b>	
<b>Task Name</b>	Find clusters

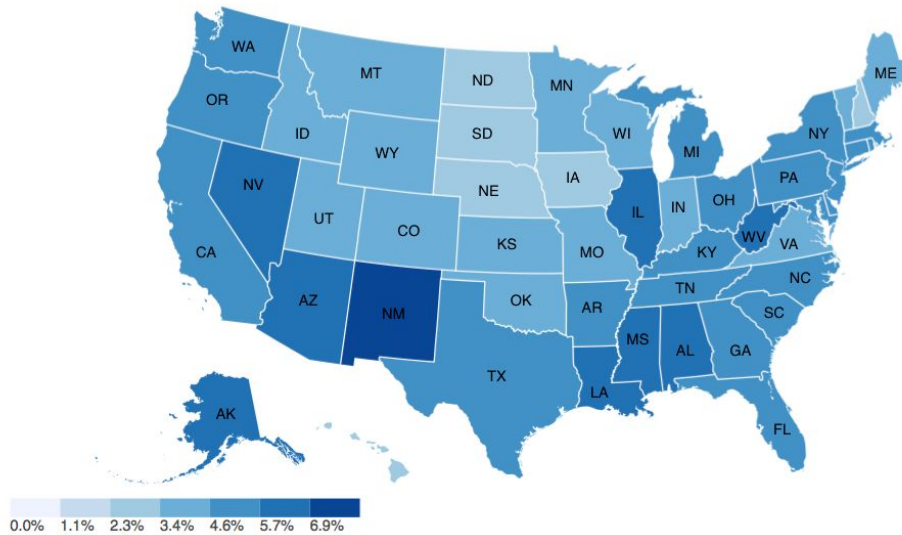
<b>Stem</b>	A group of the metro systems of the world has approximately 300 stations and around a 200 km system length.
<b>Options</b> (highlight the correct option)	1) True 2) False

<b>Item 7</b>	
<b>Task Name</b>	Find correlations/trends
<b>Stem</b>	In general, the ridership of the metro system increases as the number of stations increases.
<b>Options</b> (highlight the correct option)	1) True 2) False

<b>Item 8</b>	
<b>Task Name</b>	Make comparisons
<b>Stem</b>	The metro system in Shanghai has more ridership than the metro system in Beijing.
<b>Options</b> (highlight the correct option)	1) True 2) False



# Unemployment Rates for States in 2015

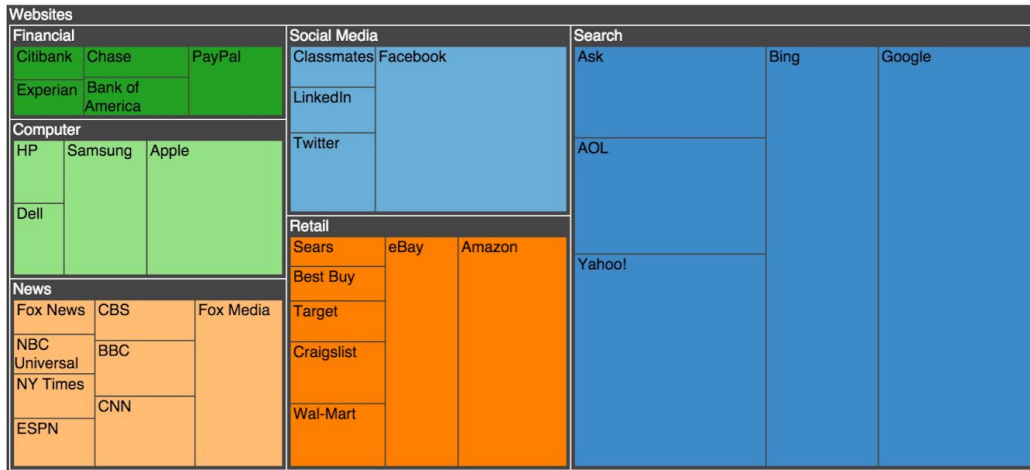


<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value
<b>Stem</b>	What was the unemployment rate for Indiana (IN) in 2015?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. 1.1% - 2.3%</li> <li>2. 2.3% - 3.4%</li> <li>3. 3.4% - 4.6%</li> <li>4. 4.6% - 5.7%</li> </ol>

<b>Item 2</b>	
<b>Task Name</b>	Find Extremum
<b>Stem</b>	In which state was the unemployment rate the highest in 2015?
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"> <li>1. Alaska (AK)</li> <li>2. New Mexico (NM)</li> <li>3. Florida (FL)</li> <li>4. New York (NY)</li> </ol>

<b>Item 3</b>	
<b>Task Name</b>	Make Comparisons
<b>Stem</b>	In 2015, the unemployment rate for Washington (WA) was higher than that of Wisconsin (WI).
<b>Options</b> (highlight the correct option)	<ol style="list-style-type: none"><li>1. True</li><li>2. False</li></ol>

# The Number of Unique Visitors for Websites in 2010



<b>Item 1</b>	
<b>Task Name</b>	Retrieve Value (relative value)
<b>Stem</b>	Out of the total number of unique visitors for the websites, about what percentage of unique visitors were from Bing in 2010?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) 5%</li> <li>2) 10%</li> <li>3) 20%</li> <li>4) 30%</li> </ul>

<b>Item 2</b>	
<b>Task Name</b>	Find Extremum (relative value)
<b>Stem</b>	For which website was the number of unique visitors the largest in 2010?
<b>Options</b> (highlight the correct option)	<ul style="list-style-type: none"> <li>1) Facebook</li> <li>2) Amazon</li> <li>3) Bing</li> <li>4) Google</li> </ul>

<b>Item 3</b>
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<b>Task Name</b>	Make Comparisons (relative value)
<b>Stem</b>	The number of unique visitors for Amazon was more than that of Yahoo in 2010.
<b>Options</b> (highlight the correct option)	1) True 2) False

<b>Item 4</b>	
<b>Task Name</b>	Identify the Hierarchical Structure
<b>Stem</b>	Samsung is nested in the Financial category.
<b>Options</b> (highlight the correct option)	1) True 2) False