

15 Lecture - ENG101

Important Mcqs

1. **What is the first step in evaluating visual data?**

- A. Analyzing the data
- B. Identifying the type of graph or chart being used
- C. Looking for patterns in the data
- D. Drawing conclusions from the data

Answer: B. Identifying the type of graph or chart being used

2. **What is the potential drawback of using different scales for different data sets on a graph?**

- A. It can make the data appear more dramatic than it really is
- B. It can make the data appear less important than it really is
- C. It can make the graph easier to read
- D. It has no effect on how the data is interpreted

Answer: A. It can make the data appear more dramatic than it really is

3. **What is a common type of graph used to show the relationship between two variables?**

- A. Bar graph
- B. Line graph
- C. Scatterplot
- D. Pie chart

Answer: C. Scatterplot

4. **Why is it important to consider the source of the data when interpreting visual data?**

- A. The source of the data can influence how it is presented
- B. The source of the data can provide important context for the interpretation
- C. The source of the data can be biased or have a conflict of interest
- D. All of the above

Answer: D. All of the above

5. **What is an example of a potential bias in visual data presentation?**

- A. Omitting important data
- B. Labeling axes in a misleading way
- C. Using a scale that exaggerates differences between data sets
- D. All of the above

Answer: D. All of the above

6. **What is a common type of graph used to show the distribution of data?**

- A. Bar graph

- B. Line graph
- C. Histogram
- D. Pie chart

Answer: C. Histogram

7. **What is an example of a situation in which visual data can be misleading?**
- A. When data is presented without proper context
 - B. When a graph is too cluttered with information
 - C. When data is presented in a straightforward manner
 - D. When a graph is too simple

Answer: A. When data is presented without proper context

8. **What is a common type of graph used to show the composition of a whole?**
- A. Bar graph
 - B. Line graph
 - C. Scatterplot
 - D. Pie chart

Answer: D. Pie chart

9. **Why is it essential to be a critical consumer of information when evaluating visual data?**
- A. To avoid being misled or making decisions based on inaccurate or biased information
 - B. To make the data easier to read
 - C. To find patterns in the data
 - D. To draw conclusions from the data

Answer: A. To avoid being misled or making decisions based on inaccurate or biased information

10. **What is a potential drawback of using a pie chart to show data?**
- A. It can make differences between data sets appear more dramatic than they really are
 - B. It can be difficult to compare the size of the slices accurately
 - C. It can be difficult to label the different sections of the chart
 - D. It has no potential drawbacks

Answer: B. It can be difficult to compare the size of the slices accurately