

Data Science Basics for Kids

Data Science · Answer Key · 8 Questions

1. Which type of graph is best used to show how parts make up a whole, like slices of a pizza?

- A) Bar graph
- B) Pie chart**
- C) Line graph
- D) Scatter plot

2. What is the first step in the data science process?

- A) Collecting data**
- B) Making a graph
- C) Writing a report
- D) Guessing the answer

3. In a table of data, what do we call a single piece of information, such as a student's favorite color?

- A) A file
- B) A database
- C) A data point**
- D) An internet

4. Which tool is commonly used to arrange data into rows and columns to help with calculations?

- A) Spreadsheet software**
- B) Word processor
- C) Paint program
- D) Video player

5. What is the term for a question that can be answered by collecting and looking at data?

- A) A subjective opinion
- B) A statistical question**
- C) A creative writing prompt
- D) A hidden riddle

6. When we look at a set of numbers, what do we call the value that appears most often?

- A) Mean
- B) Median
- C) Range

D) Mode

7. Which of these is an example of 'categorical' data?

- A) Height in centimeters
- B) The number of pets

C) Types of fruit

- D) Temperature in degrees

8. Why is it important to label the axes on a bar graph?

- A) To make it look colorful

B) To show what the numbers represent

- C) To hide the data from others
- D) To save space on the paper