

Data Science for Little Explorers

Data Science · Practice Test · 15 Questions

1. What do we call a drawing that uses bars to show how many items of different types there are?

- A) A circle graph
- B) A bar chart
- C) A line maze
- D) A square picture

2. If you count 5 red apples and 3 green apples, what is this set of numbers called?

- A) A story
- B) A riddle
- C) A dataset
- D) A drawing

3. Which tool helps a computer learn to tell the difference between a picture of a cat and a dog?

- A) A magnifying glass
- B) An algorithm
- C) A crayon
- D) A ruler

4. When we look for things that happen over and over again, what are we looking for?

- A) Patterns
- B) Magic
- C) Noise
- D) Dreams

5. What do we call a person who uses computers to solve problems with numbers and facts?

- A) A gardener
- B) A data scientist
- C) A baker
- D) A painter

6. If you want to know which ice cream flavor is the favorite in your class, what should you do first?

- A) Eat all the ice cream
- B) Guess the answer
- C) Ask everyone and record their answer
- D) Close your eyes

7. Which of these is a way to represent a large amount of information using a picture?

- A) A blank paper
- B) A data visualization
- C) A heavy rock
- D) A quiet room

8. What is the first step in science when we look at information to understand it?

- A) Sorting
- B) Sleeping
- C) Running
- D) Singing

9. If a computer makes a guess based on the information it has been given, what is that guess called?

- A) A song
- B) A prediction
- C) A wish
- D) A game

10. What do we use to keep information safe and organized on a computer?

- A) A box
- B) A database
- C) A cloud
- D) A hole

11. Which of these is considered 'raw' information before it is organized?

- A) A finished book
- B) A list of numbers
- C) A completed puzzle
- D) A painted wall

12. If you have 10 toys and you put them into groups by color, what have you just done to the data?

- A) Destroyed it
- B) Categorized it
- C) Lost it
- D) Hidden it

13. What is the purpose of collecting data about the weather every day?

- A) To make it rain
- B) To understand weather patterns
- C) To change the sun
- D) To hide the clouds

14. Which object would best help you measure the weight of different items to record data?

- A) A calendar
- B) A scale
- C) A thermometer
- D) A watch

15. What do we call a set of clear instructions given to a computer to complete a task?

- A) A recipe
- B) A code
- C) A poem
- D) A joke