

Data Science for Little Learners

Data Science · Practice Test · 25 Questions

1. What is the first step in a data project where you gather information?

- A) Counting
- B) Collection
- C) Drawing
- D) Singing

2. If you have 3 red apples and 2 green apples, what is this set of information called?

- A) A story
- B) A song
- C) Data
- D) A game

3. Which of these tools helps a data scientist see information as a picture?

- A) A shovel
- B) A graph
- C) A hammer
- D) A spoon

4. When we put items into groups like 'fruits' and 'vegetables', what are we doing?

- A) Sorting
- B) Cooking
- C) Eating
- D) Running

5. What do we call a list of items that helps us remember what to buy at the shop?

- A) A dictionary
- B) A checklist
- C) A diary
- D) A letter

6. What is a simple way to track how many times it rains in a week?

- A) Tally marks
- B) Drawing a map
- C) Measuring height
- D) Counting stars

7. If you want to know which flavour of ice cream your friends like most, what should you do?

- A) Guess
- B) Ask them
- C) Hide
- D) Sleep

8. What does a thermometer provide when it tells us the temperature outside?

- A) A number
- B) A picture
- C) A poem
- D) A joke

9. When you look at a calendar to see what day it is, what kind of information are you using?

- A) Time and date
- B) Weight
- C) Speed
- D) Colour

10. Which of these is a way to share data with other people so they can understand it easily?

- A) Whispering
- B) A chart
- C) A secret
- D) Tiptoeing

11. If you count 5 blue cars and 2 yellow cars, what is the total number of cars?

- A) 6
- B) 8
- C) 7
- D) 9

12. What kind of data are you collecting when you measure how tall you are?

- A) Height
- B) Temperature
- C) Weight
- D) Speed

13. When we record how many hours a child sleeps, what are we gathering?

- A) Information
- B) A song
- C) A toy
- D) A dream

14. Which shape is often used to show parts of a whole in a data display?

- A) A star
- B) A circle
- C) A triangle
- D) A heart

15. What is the purpose of counting items in a collection?

- A) To know how many
- B) To hide them
- C) To break them
- D) To draw them

16. If you record the colours of flowers in a garden, what are you making?

- A) A recipe
- B) A record
- C) A noise
- D) A mess

17. Which of these helps us see a pattern in a group of numbers?

- A) A magnifying glass
- B) A number line
- C) A mirror
- D) A lamp

18. When we compare the number of students wearing glasses to those not wearing glasses, what are we doing?

- A) Comparing
- B) Jumping
- C) Painting
- D) Baking

19. What information does a clock give you?

- A) The time
- B) The weather
- C) The distance
- D) The weight

20. What do we call a collection of information about something specific?

- A) A dataset
- B) A snack
- C) A dance
- D) A toy

21. Which of these is a way to represent data visually using bars?

- A) A bar chart
- B) A wooden fence
- C) A ladder
- D) A slide

22. If 4 birds are on a tree and 2 fly away, how do we know how many are left?

- A) Subtracting
- B) Adding
- C) Multiplying
- D) Drawing

23. What is used to represent data values in a table?

- A) Rows and columns
- B) Pictures and frames
- C) Paint and brushes
- D) Words and rhymes

24. When you sort your building blocks by colour, what property are you using?

- A) Colour
- B) Weight
- C) Texture
- D) Sound

25. What is the final goal of looking at data?

- A) To learn something
- B) To lose it
- C) To hide it
- D) To break it