

Data Science for Little Learners

Data Science · Answer Key · 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