

1 Choose the correct answer:

- 1 The function used to find the smallest value in a dataset is
a. np.mean() b. print() c. np.min() d. np.max()
- 2 In an artificial neuron, the formula for calculation is
a. (Inputs + Weights) × Bias b. (Inputs × Weights) + Bias
c. (Inputs / Weights) - Bias d. Weights + Bias
- 3 To add a new item to the end of a list, we use the function.
a. .append() b. .add() c. .insert() d. .sum()
- 4 To calculate the average of a column in pandas, we use
a. .mean() b. .max() c. .sum() d. .total()
- 5 The function calculates the number of items in a list.
a. sum() b. len() c. count() d. size()
- 6 "HTTPS" at the start of a website address indicates the use of
a. Encryption b. Viruses c. High speed d. Only images
- 7 The "Logic Theorist" was an early program that could solve
a. Car engines b. Video games
c. Medical cases d. Mathematical problems

2 Put (✓) or (X):

- 1 Fairness in AI means treating all people without discrimination. ()
- 2 A for loop is suitable when you know the number of iterations in advance. ()
- 3 The Threshold function gives values between 0 and 1 only. ()
- 4 A condition in Python must end with a semicolon (;). ()
- 5 The activation function is responsible for executing the cell's final decision. ()
- 6 Using AI to improve the lives of others is a responsible use. ()
- 7 Pandas can be used to create graphs. ()
- 8 The return statement is used to send a result out of a function. ()