



AI Joins Fight to Protect Red Squirrels

Description

Red squirrel
Image could not be loaded or type unknown
Genysys Engine

Whiskers help the AI to identify red squirrels.

Conservationists are excited about a new AI tool called Squirrel Agent. This tool helps to tell grey squirrels apart from red squirrels. It is very accurate, with 97% success.

The system can control food stations for squirrels. It lets only red squirrels eat from some food stations. It gives grey squirrels different food to stop them from having babies.

Emma McClenaghan, from Genysys Engine, says the AI helps with tasks we cannot do alone. The tool is being tested in places in the UK with help from wildlife charities.

Red squirrels need help because grey squirrels are very common. Grey squirrels can carry a harmful virus that does not hurt them but can kill red squirrels.

Vocabulary List:

1. **Conservationists** /ˌkɒnsə'veɪʃənɪsts/ (noun): Individuals or groups dedicated to the protection of the environment and wildlife.
2. **Accurate** /'ækjʊrət/ (adjective): Correct and precise; free from error.
3. **Identify** /aɪ'dentɪfaɪ/ (verb): To recognize or establish as being a particular person or thing.
4. **Control** /kən'troʊl/ (verb): To regulate or manipulate the operation of something.
5. **Harmful** /'hɑ:rmfəl/ (adjective): Causing or capable of causing damage or injury.
6. **Common** /'kɒmən/ (adjective): Occurring found or done often; prevalent.

Comprehension Questions

Multiple Choice

1. What is the name of the new AI tool conservationists are excited about?



- Option: Squirrel Tracker
- Option: Squirrel Agent
- Option: Genysys Engine
- Option: Wildlife AI

2. What is the success rate of the AI tool in distinguishing between grey and red squirrels?

- Option: 85%
- Option: 92%
- Option: 97%
- Option: 100%

3. Who mentioned that the AI tool is helping with tasks that cannot be done alone?

- Option: Emma Watson
- Option: Emma McClenaghan
- Option: John Doe
- Option: Alex Smith

4. Why do red squirrels need help according to the text?

- Option: They are aggressive towards other species
- Option: They are becoming an endangered species
- Option: They are too friendly to grey squirrels
- Option: They are difficult to identify

5. What harmful virus can grey squirrels carry that can potentially kill red squirrels?

- Option: Rabies
- Option: Coronavirus
- Option: Ebola
- Option: None of the above

6. Where is the new AI tool being tested with the help of wildlife charities?

- Option: Australia
- Option: Canada
- Option: UK
- Option: Brazil

True-False

7. The AI tool helps in controlling the population growth of grey squirrels.



8. Emma McClenaghan is associated with Wildlife AI.
9. Grey squirrels are more endangered than red squirrels.
10. The AI tool can accurately identify red squirrels based on their whiskers.
11. The new AI tool is called Squirrel Agent because it physically captures squirrels.
12. The harmful virus carried by grey squirrels can also infect humans.

Gap-Fill

13. The AI tool is very accurate, with a success rate of _____ %.
14. Red squirrels need help because grey squirrels carry a harmful virus that can kill red squirrels, but it does not harm the grey squirrels themselves. This virus is _____.
15. Emma McClenaghan, from Genysys Engine, mentioned that the AI tool helps with tasks we cannot do alone. The tool is being tested in places in the _____.
16. The AI tool can control food stations for squirrels, allowing only _____ to eat from some stations.
17. Conservationists are excited about the new AI tool called _____ that helps to distinguish between grey and red squirrels.
18. Grey squirrels can carry a harmful virus that _____ red squirrels.

Answer

Multiple Choice: 1. Squirrel Agent 2. 97% 3. Emma McClenaghan 4. They are becoming an endangered species 5. None of the above 6. UK

True-False: 7. True 8. False 9. False 10. True 11. False 12. False

Gap-Fill: 13. 97 14. not specified 15. UK 16. red squirrels 17. Squirrel Agent 18. can kill



Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What is a synonym for the word "Revealed"?
 - Option: Hidden
 - Option: Trade-in
 - Option: Atmosphere
 - Option: Ultra
2. Which natural disaster is characterized by swirling winds?
 - Option: Storage
 - Option: Ultraviolet
 - Option: Tornadoes
 - Option: Control
3. What do we often have to make in our daily lives?
 - Option: Colors
 - Option: Choices
 - Option: Trade-in
 - Option: Hidden
4. What is a synonym for the word "Promoting"?
 - Option: Replace
 - Option: Promoting
 - Option: Disappears
 - Option: Ultra
5. Who advocates for the protection and preservation of the environment?
 - Option: Conservationists
 - Option: Identify
 - Option: Atmosphere
 - Option: Exciting
6. What do we seek when we want information to be precise and correct?
 - Option: Accurate
 - Option: Characters
 - Option: Harmful
 - Option: Ascension
7. What do we do when we engage or communicate with others?



- Option: Hidden
- Option: Interact
- Option: Conservationists
- Option: Patches

8. What do we aim to have when managing a situation or process?

- Option: Trade-in
- Option: Control
- Option: Ultra
- Option: Campaign

9. What type of light is beyond the visible spectrum?

- Option: Ultraviolet
- Option: Swirling
- Option: Trade-in
- Option: Exciting

10. What action do we take when we acquire something in exchange for money?

- Option: Buy
- Option: Atmosphere
- Option: Harmful
- Option: Colors

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. Digital photos and videos often require large amounts of _____ space.

12. The layer of gases surrounding the Earth is known as the _____.

13. Painters use various _____ to create beautiful artworks.

14. Car dealers may offer a discount if you _____ your old vehicle.

15. The _____ of the hot air balloon was breathtaking to watch.

16. Software developers release updates and _____ to fix bugs.

17. Some athletes go through _____ training to enhance their performance.

18. Smoking is known to have _____ effects on one's health.



19. The new theme park ride promises an _____ experience for visitors.
20. When the sun sets the light gradually _____ from the sky.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Treasure hunters search for artifacts in ancient ruins.
22. When a part of a machine breaks it is necessary to the faulty component.
23. The book features a wide range of diverse and interesting .
24. Exploring a new city can be an adventure filled with surprises.
25. To prevent errors it is crucial to accurately the correct items.
26. The spy agency used technology to track the criminal's movements.
27. The politician launched a new to raise awareness about environmental issues.
28. The painter created a mesmerizing artwork with colorful patterns.
29. Stamp enthusiasts often rare and unique stamps for their collection.
30. Car owners can opt for a program when purchasing a new vehicle.

Answer

Multiple Choice: 1. Hidden 2. Tornadoes 3. Choices 4. Promoting 5. Conservationists 6. Accurate 7. Interact 8. Control 9. Ultraviolet 10. Buy

Gap-Fill: 11. Storage 12. Atmosphere 13. Colors 14. Trade-in 15. Ascension 16. Patches 17. Ultra 18. Harmful 19. Exciting 20. Disappears

Matching sentence: 1. Hidden 2. Replace 3. Characters 4. Exciting 5. Identify 6. Ultra 7. Campaign 8. Swirling 9. Collect 10. Trade-in

CATEGORY

1. Sci/Tech - LEVEL1

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