



Subaru works with Dell to make driving safer using AI technology

Description

Subaru is working with Dell Technologies to make driving safer. They're building new AI solutions, or computer programs that help cars understand what to do. Dell storage systems are helping Subaru keep and use a lot more files than before.

The head of Infrastructure Solutions Group at Dell Technologies, Arthur Lewis, says he's excited about Subaru's use of AI to keep drivers safe. He explains how Dell's systems are key for building Subaru's AI solutions. These systems can hold, manage and use a lot of important data which makes Subaru's EyeSight Driver Assist Technology better.

EyeSight Driver Assist Technology is a feature in over 5.5 million Subaru cars. It monitors traffic, helps control speed and warns when the car leaves its lane. With Dell's storage, Subaru can increase the use of AI, meaning they can improve their systems faster and more efficiently.

Subaru uses Dell PowerScale systems in their AI Lab, called SUBARU Lab. This has made processing data much better. Cars with EyeSight have a record of being safe, and Subaru and Dell are committed to making them safer. Subaru is using AI to study how to prevent accidents and improve safety. The work between Subaru and Dell Technologies is a big step towards safer driving using AI.

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Vocabulary List:

1. **AI** // (noun): Artificial Intelligence the simulation of human intelligence processes by machines especially computer systems.
2. **software** // (noun): The programs and other operating information used by a computer.
3. **data** // (noun): Facts and statistics collected together for reference or analysis.
4. **technology** // (noun): The application of scientific knowledge for practical purposes especially in industry.
5. **Infrastructure** // (noun): The basic physical and organizational structures and facilities needed for the operation of a society or service.
6. **assist** // (verb): Help (someone) typically by doing a share of the work.

Vocabulary quizzes

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

1. What is a community event that celebrates a specific cultural aspect?
Option: Cinematic
Option: Festival
Option: Division
Option: Travel
2. Who are individuals who freely offer to take part in an enterprise or undertake a task?
Option: Division
Option: Senior
Option: Marathon
Option: Volunteers
3. What is the ability to make new things or think of new ideas?
Option: Sensor
Option: Climate tech
Option: Creativity
Option: Equipment
4. A set of instructions that directs a computer to perform specific tasks is known as?



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- Option: Sensor
Option: AI
Option: Children
Option: Computer Program
5. Fine particles produced by crushing grinding or disintegration are called?
- Option: Powders
Option: Infrastructures
Option: Economy
Option: Entek
6. A facility designed to generate energy from renewable sources is known as a?
- Option: Life sciences
Option: Project
Option: Clean Energy Center
Option: AI
7. What technology allows machines to learn from experience adjust to new inputs and perform human-like tasks?
- Option: Divisions
Option: Exhibit
Option: AI
Option: Attract
8. The application of scientific knowledge for practical purposes especially in industry can be described as?
- Option: Volunteers
Option: Technology
Option: Cinematic
Option: Travel
9. A public display or demonstration especially of artistic or cultural items is known as an?
- Option: Children
Option: Exhibit
Option: Senior
Option: Division
10. Who are individuals who visit a place for a specific purpose?
- Option: Cinematic
Option: Visitors
Option: Station
Option: Climate tech



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

11. In an organization different departments are called _____ s.
12. Tools and machinery needed for a particular purpose are referred to as _____ .
13. A device that detects or measures a physical property and records indicates or otherwise responds to it is called a _____ .
14. The act of moving from one place to another typically over a long distance is known as _____ .
15. An individual of advanced age or with higher experience and authority is termed as a _____ .
16. Young human beings below the age of puberty are classified as _____ .
17. A place on a railway line with a platform and other facilities for passengers is a railway _____ .
18. The wealth and resources of a country or region especially in terms of the production and consumption of goods and services make up its _____ .
19. A planned piece of work that is designed to find information about something or to produce something new by studying carefully is a _____ .
20. To cause someone to be interested in something or someone to move towards something either literally or figuratively is to _____ .

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

21. A long-distance running event with an official distance of 42.195 kilometers.



22. A genre of speculative fiction that commonly explores the potential consequences of scientific social and technological innovations.
23. A hypothetical company providing futuristic energy solutions using advanced technology.
24. The study of living organisms and life processes often with a focus on health and medicine.
25. Technologies designed to mitigate or adapt to the effects of climate change such as renewable energy sources or carbon capture.
26. Facts and statistics collected together for reference or analysis.
27. The basic physical and organizational structures and facilities needed for the operation of a society or enterprise.
28. To help or support someone by making a task or action easier for them.
29. Young human beings below the age of puberty.
30. Individuals who visit a place for a specific purpose or event.

Answer

Multiple Choice: 1. Festival 2. Volunteers 3. Creativity 4. Computer Program 5. Powders 6. Clean Energy Center 7. AI 8. Technology 9. Exhibit 10. Visitors

Gap-Fill: 11. Division 12. Equipment 13. Sensor 14. Travel 15. Senior 16. Children 17. Station 18. Economy 19. Project 20. Attract

Matching sentence: 1. Marathon 2. Sci-Fi 3. Entek 4. Life sciences 5. Climate tech 6. Data 7. Infrastructure 8. Assist 9. Children 10. Visitors

CATEGORY

1. Sci/Tech - LEVEL1

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