 What other major branches of artificial intelligence are employed in the Watson cancer patient adviser?

Answer:

Each function performs a specific duty for subsequent processing, and they all depend on one another.

To find and understand the patient's symptoms, deep learning is applied.

To comprehend the issues input into the system and offer a solution in a natural language, natural language processing is used.

Robotics is employed to monitor the system and guard against errors.

One of the challenges of a cognitive computing capability such as the Watson cancer adviser is keeping the information that Watson draws on as current as possible. Over time, new approaches, courses of treatment, medicines, and ideas will be discovered that are improvement over the old way of doing things. How might the Watson cancer adviser be kept as current as possible?

Step 1:

Watson for Oncology is software that recommends cancer treatments for specific patients using artificial intelligence (AI) algorithms. According to IBM, the AI technology is skilled at recommending treatments for 13 tumours.

Step 2:

The discovery that Watson Health's cancer diagnoses tool was not trained with actual patient data but rather with fictitious cases provided by a small group of clinicians in a single hospital was one of the company's biggest setbacks.

Information that contradicts data from other sources ought to be automatically removed.