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Course	TCS ION	Sem and Sec	8th sem A
Topic	Artificial intelligence		
Github repository	Apeksha-97		

Report

ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI), the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. The term is frequently applied to the project of developing systems endowed with the intellectual processes characteristic of humans, such as the ability to reason, discover meaning, generalize, or learn from past experience.

Since the development of the digital computer in the 1940s, it has been demonstrated that computers can be programmed to carry out very complex task as, for example, discovering proofs for mathematical theorems or playing chess with great proficiency. Still, despite continuing advances in computer processing speed and memory capacity, there are as yet no programs that can match human flexibility over wider domains or in tasks requiring much everyday knowledge.

On the other hand, some programs have attained the performance levels of human experts and professionals in performing certain specific tasks, so that artificial intelligence in this limited sense is found in applications as diverse as medical diagnosis, computer search engines, and voice or handwriting recognition. AI research attempts to reach one of three goals: strong AI, applied AI, or cognitive simulation. Strong AI aims to build machines that think.

The ultimate ambition of strong AI is to produce a machine whose overall intellectual ability is indistinguishable from that of a human being. As is described in the section Early milestones in AI, this goal generated great interest in the 1950s and ’60s, but such optimism has given way to an appreciation of the extreme difficulties involved. To date, progress has been meagre. Some critics doubt whether research will produce even a system with the overall intellectual ability of an ant in the forseeable future. Indeed, some researchers working in AI’s other two branches view strong AI as not worth pursuing.

Applied AI, also known as advanced information processing, aims to produce commercially viable “smart” system for example, “expert” medical diagnosis systems and stock-trading systems. Applied AI has enjoyed considerable success, as described in the section Expert systems.

Alternatively, an evolutionary system can induce goals by using a "fitness function" to mutate and preferentially replicate high-scoring AI systems, similar to how animals evolved to innately desire certain goals such as finding food. Some AI systems, such as nearest-neighbor, instead of reason by analogy, these systems are not generally given goals, except to the degree that goals are implicit in their training data. Such systems can still be benchmarked if the non-goal system is framed as a system whose "goal" is to successfully accomplish its narrow classification task.

Applications

High-profile examples of AI include autonomous vehicles (such as drones and self-driving cars), medical diagnosis, creating art (such as poetry), proving mathematical theorems, playing games (such as Chess or Go), search engines (such as Google search), online assistants (such as Siri), image recognition in photographs, spam filtering, predicting flight delays, prediction of judicial.

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Course	Python	Sem and sec	8th sem A
Title	Web maps with python		
Github repository	Apeksha-97		

Report

To create a web map based on that data using python code:

1. Manipulate tabular data programmatically to extract geo names and create location-based data
2. Convert tabular data into a meaningful geographic data structure
3. Understand and apply the basic concepts of web mapping to design your own web map

HTML on popups

Popups will allow visitors to subscribe to mailout, find out more about your offers, use their coupons, take part in sales and special offers, stay notified about important events on your website, and much more. Popups will help you sell better, promote planned occasions, collect feedback and leads and much more.

Features

1. Included elements to configure a popup;
2. Ready-to-use pop up layouts for varied cases;
3. Place buttons for redirecting to any address;
4. Upload an image for the background;
5. Popup can be activated after a set time spent on the page or scroll percentage;
6. Pop up triggers: clicking on a certain element or scrolling down to it.