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Best Method to Change the Face of Industry Using Artificial Intelligence

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Abstract: Now this day's industry have power to revaluation the ways of doing work in the world with the help Artificial Intelligence. In the more often way Industry is powerful dynamic sector that has revolution the technique of a consumer think for good and service in world and also in now these days. If Industry start working in this technique the basic goal of every Industry is successful suddenly and the basic goal of every industry is the bring the best in space and provide consumer seamless ways or technique to discover or select the best they looking for help or in more precisely way find the best one product for own choice. Experimental result in this paper shows the proposed technique works successfully.

Keywords: Artificial Intelligence, Artificial Intelligence Research, Artificial Intelligence Competitions, Industry.

I. INTRODUCTION

Artificial Intelligence is the way that study the synthesis and analysis of computational agent that act intelligently [1] or In more precise way Artificial Intelligence is the field of study in which study about creation of electronic device or electromagnetic device that work under predefine set of instruction given by human being and the created device are capable of intelligent behaviour. Lets us come to the computational agent basically computational agent is agent whose decisions about its action and can be explained in term of computation [1] and the decision can be divided into several primitive operation that can be implemented into physical device. The computer can take many forms but some time there are some agents that are not arbitrary not computational. The main scientific goals of Artificial Intelligence are understand the principle to making intelligence behaviour in natural and artificial system as far as possible. The goals are done by analysis of artificial and natural agents, testing and formulating hypothesis about what is takes to construct and building, designing and experimenting with the computational systems that are capable of task commonly. The mains engineering goal of Artificial Intelligence is the synthesis and design of useful, intelligent artifacts. We actually want to build agent that work intelligently and more precise ways such agents are useful in many applications. The mains problem of Artificial Intelligence include reasoning, planning, knowledge, learning, communication and power to utilize manipulate and move object [6]. There are large numbers of tools used in Artificial Intelligence such as logic, search and mathematical optimization, economics and several others. The Artificial Intelligence field of interdisciplinary are such as mathematics, computer science, philosophy, psychology, neuroscience etc. Basically the area founded on the claim the central property human, human intelligence [4]. In now days it's become essential part of technology industry giving us more precisely lifting for many of most changeling problem in field of computer science and technology [5].

II. BACKGROUND

RESEARCH

A. GOALS

The general problem of creating intelligence has been divided into number of specific sub problems.

Deduction, Reasoning – In starting Artificial Intelligence Researcher make a algorithm that limited the step to step reasoning that human used to solve puzzle or make a normal logical deduction [7] and by the late of 1990's AI researcher gives a method that is highly successful that is the method with dealing with the incomplete information [8].

Knowledge representation – This is the central research of Artificial Intelligence. Several of problem are machine expected to solve will be required extensive knowledge about world.

Planning – Basically in the planning section, intelligent agent must be able to set target or goal and achieve them [9].

Learning – Machine learning is the area of study of computer algorithm that have power to improve automatically through experience and also it is central research of artificial intelligence.[10, 11].

Communication – In this section or it's also called natural language processing provide power to machine that ability read and understand language that human being speaks.

Perception – machine perception [12] is power to use sensor as input such as camera, microphone etc to deduce the aspect of world some of example of that is facial recognition, speech recognition.

Motion and manipulation – The area of robotics is closely related to the artificial intelligence. Intelligence is required for robot to perform specific task such as object manipulation, navigation and motion planning [13, 14].

Social Intelligence – Basically social intelligence is the study and development devices that recognize, process, interpret human's effect [15, 16]. Social intelligence is the field of computer science, cognitive science and philosophy [17].

General Intelligence – In general intelligence combing the all above skills and exceeding human ability all of them, it is also known strong Artificial Intelligence.

B. APPROACHES

There is no establishing unifying theory that guides Artificial Intelligence. Some of questions are now also unanswered that should artificial intelligence simulate natural intelligence by the studying neurology or psychology.

Cybernetics and brain simulation – In around 1950, a number of artificial researcher define the link or connection between information theory, neurology and cybernetics. Some of machines are built that used electronic network to exhibit rudimentary intelligence.

Symbolic - Artificial Intelligence researcher define the possibility that the human intelligence could be reduced to symbol manipulation and it's become when concept of digital computer come in world around 1950.

There are several part of symbolic such as cognitive simulation, logic based, anti logic and knowledge based.

Sub symbolic – Around 1980, many researcher of artificial intelligence believed that symbolic system never be able to suitable to process of human cognition such as pattern recognition, perception, learning etc.

The part of sub symbolic as Bottom up, embodied, situated, behavior based, computational intelligence and soft computing.

Statistical – In the 1990, Artificial researcher developed way mathematical tools for solve specific sub problem and the developed tools are truly scientific, in the actual their result are verifiable and also measurable. The developed tools are responsible for many of success AI recent.

C. TOOLS

In this area of study Artificial Intelligence develop large of tools that are able to solve most difficult problem in computer science and technology.

Some of these methods are below

Search and optimization – Most problem of artificial intelligence can be possible to solve in theory by intelligently searching through most of possible solution [18]. Reasoning can be reduced to performing a search.

Logic – basically it is used to problem solving and knowledge representation and it's also applied in other problem very well.

Probabilistic method for uncertain reasoning – most of certain problem are required the agents to solve incomplete or uncertain information. Artificial intelligence researchers have developed many powerful tools to solve these problems using method for economics and probability theory.

Classifier and statistical learning method – The simplest Artificial Intelligence Application are divided into two types classifier and controller, mainly classifier is method to find closest match using pattern matching.

Neural network – basically it is defined as an interconnected group of nodes that are akin to vast network of neurons in the human brain.

Control theory – Basically this is the grand child of cybernetics and its several import application such as in robotics.

Language – Artificial researcher are developed many language for artificial intelligence some of them are Prolog and Lisp.

Prolog is the general purpose programming language which is used to developed artificial intelligence and computational linguistic.

ARTIFICIAL COMPETITIONS

There are number of completion and prize to promote artificial intelligence such as general machine intelligence, robotics cars, data mining, robot soccer and games.

III. EXPERIMENTAL RESULT

Proposed Method to Change Face of Industry

1. Making a Group
2. Survey
3. Development
4. Action
5. Final

1. Making a Group

In this section first need of industry is make a department or group that are capable of think new product that help people easily and more precise way. The thinking are related to the new technology are not have been work elsewhere and they are capable to help the people in more precise ways the basic goals of the making group is the thinking new and specified and more helpful to the human being .

2. Survey

In this section work for the new made group or department that take feedback of people actually what they need to their own help and also take survey with the help of internet, social networking sites, face to face and many more method and see what is actually people want to their own work and help and start working on the taken survey means after the survey first is thinking on the survey report and complete a file on the newly need and this way the work of survey has been completed.

3. Development

In this process, mainly work is the development that lies after the taken survey and independent thinking on the survey what actual people want and how to Artificial Intelligence help the people in more precise ways. The design in more attractive with the helpful for the people and compare to the market amongst the best one with the lowest relative price and after making such type of product first think is the trail of the product either it is helpful or not and after the trail one it's ready to the market.

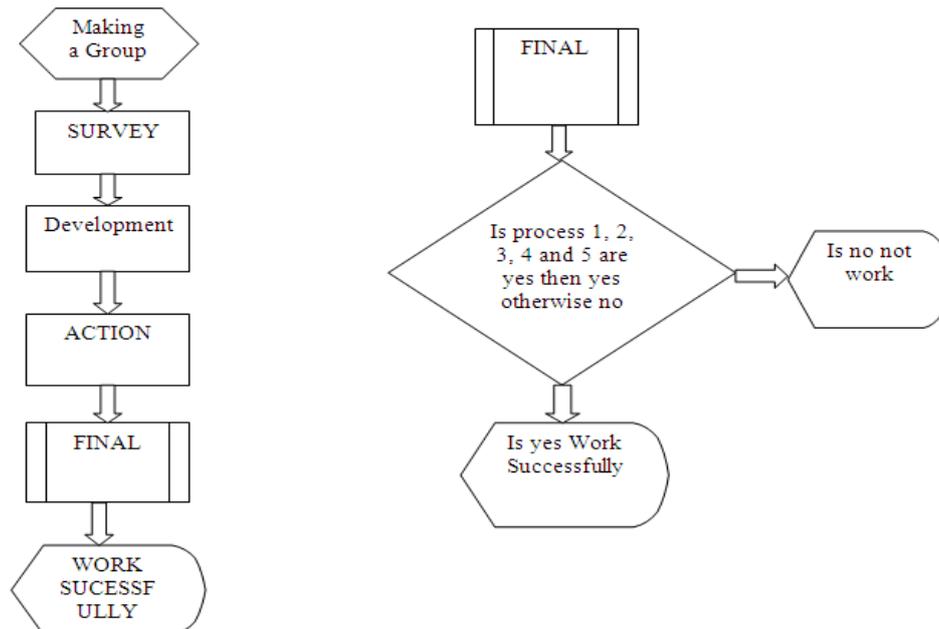
4. Action

In this process, mainly work is the how to do all work means from the process start one that lies the making a group, survey and the development such as thinking of how to do all. Coming to the process by definition if the process one that lies making a group and make group do own responsibility or not that lies they think or not after the completed the process one means if the process is yes then come to process two that is survey, the process two work in proper way or not if the process two work properly then go to the next process that is development in this section basically design is done with the way that are more precise in help with the low cost and the best one amongst to all comparison if the process 3 is yes then coming to process 4 that is the action and the above all of three process is yes then process 4 is yes that means the action are depended in above three process.

5. Final

In this section see all the above process work or not if the all of above process work in précised way then the final process is yes and the method work successfully that lies process one is yes coming to the process two then process two is yes then coming to process three, then three is yes coming to process 4 then process 4 is the yes coming to process 5 that lies final process and give output the method work successfully and if the any one of the process is no that all process no part is directly connected with the final no part means the some program shows some problem.

FLOW CHART



Mathematical Proof

Here number shows the process

Changing face of Ai industry=1+2+3+4+5

Is process 1 is yes then go to process 2

Is process 1 is No then Wait on process 1.

Is process 2 is yes then go to process 3

Is process 2 is No then Wait on process 2.

Is process 3 is yes then go to process 4

Is process 3 is No then Wait on process 3.

Is process 4 is yes then go to process 5

Is process 4 is No then Wait on process 4.

Is process 5 is yes then method work

Is process 5 is No then method not work.

Theoretical Proof

In this present work basically work for industry. First is need of making a group or a new department that are think for new need of work help in human being and the thinking product are new one world and that are attractive by their feature and their design, coming to next, next one is the survey basically in section take feedback of human about artificial intelligence product or what type of new product is need of in the world that are capable to perform work easily and more precisely way, coming to next, next one is the Development in this section basically development of AI product which is attractive in design, more helpful in work and use of artificial intelligence in more precise way with the low cost amongst the comparison to other , coming to the next, next one is the Action in this section we think and work on how to perform the all of 3 process and check if any one of the process not work wait until the process become yes and coming to the last one that is the Final in this section take care of all the above process if any one of four process is not yes the result are not change the face and all the above four process are yes then the proposed method work successfully. In this way it shows that if we start working on the proposed method the changing face of industry, changes more rapidly with highly rating and we see the actual power of artificial intelligence in our daily life and the face of the industry increasing suddenly.

IV. CONCLUSION

Experimental result present in the paper shows that the proposed technique work successfully. It's observable that if industry starts working the technique or apply the technique the changing face changes suddenly and rapidly and the market of the technique applied industry also tops in the field and this basis also the basic goal of industry successfully work and real implementation of artificial intelligence are seen by people and Artificial intelligence help people in more precisely way.

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