

Question 1

Describe the process of the IoT using figure 13.3.

Answer: <https://biology-forums.com/index.php?topic=1933955>

Question 2

The military uses _____ robots to detonate bombs or to act as soldiers around the clock on the battlefield.

Answer: <https://biology-forums.com/index.php?topic=1933827>

Question 3

Discuss the major steps in the implementation of intelligent systems.

Answer: <https://biology-forums.com/index.php?topic=1934006>

Question 4

Major countries in the world will soon have population rates of people aged 65 and older exceed that of the younger population by _____.

Answer: <https://biology-forums.com/index.php?topic=1933815>

Question 5

Research possible applications of cobots and discuss why many believe the market for these types of robots is so large.

Answer: <https://biology-forums.com/index.php?topic=1933835>

Question 6

Tega is a social bot intended to provide extended support to preschoolers by engaging them via _____.

Answer: <https://biology-forums.com/index.php?topic=1933823>

Question 7

According to Miller (2015), the IoT is a connected network in which each thing has a unique _____.

Answer: <https://biology-forums.com/index.php?topic=1933931>

Question 8

Identify one technology for data analysis and decision support and briefly discuss its impact.

Answer: <https://biology-forums.com/index.php?topic=1933593>

Question 9

Many of the major vendors of _____ platforms are the same ones who provide analytics and data storage services for other application domains.

Answer: <https://biology-forums.com/index.php?topic=1933936>

Question 10

What are the three primary impacts of intelligent systems?

Answer: <https://biology-forums.com/index.php?topic=1934007>

Question 11

Large-scale IoT usually needs to filter the collected data and _____ them before they can be used for decision support.

Answer: <https://biology-forums.com/index.php?topic=1933938>

Question 12

Give an example of a robot being used in a situation that would be too dangerous for human.

Answer: <https://biology-forums.com/index.php?topic=1933842>

Question 13

a smart refrigerator ordering an item when it is low or removed is an example of sensor-to-_____.

Answer: <https://biology-forums.com/index.php?topic=1933942>

Question 14

_____ is an umbrella term that combines architectures, tools, databases, analytical tools, applications, and methodologies. It is, like DSS, a content-free expression

Answer: <https://biology-forums.com/index.php?topic=1933586>

Question 15

What is Keras, and how is it different from the other frameworks?

Answer: <https://biology-forums.com/index.php?topic=1933734>

Question 16

BMW's Spartanburg, South Carolina, plant has employed 60 _____ robots.

Answer: <https://biology-forums.com/index.php?topic=1933822>

Question 17

List five major types of simulation.

Answer: <https://biology-forums.com/index.php?topic=1933775>

Question 18

According to Miller (2015), the IoT is a connected network in which each thing is delivered mostly over the _____.

Answer: <https://biology-forums.com/index.php?topic=1933932>

Question 19

The analytic hierarchy process can be used to great effect to solve multi-_____ problems.

Answer: <https://biology-forums.com/index.php?topic=1933764>

Question 20

Many computerized tools have been developed to provide group support. These tools are called _____ because their primary objective is to support groupwork.

Answer: <https://biology-forums.com/index.php?topic=1933877>

Question 21

The _____ is a people-made machine that is desired to be as intelligent, creative, and self-aware as humans.

Answer: <https://biology-forums.com/index.php?topic=1933627>

Question 22

An _____ is an autonomous, relatively small computer software program that observes and acts upon changes in its environment by running specific tasks autonomously.

Answer: <https://biology-forums.com/index.php?topic=1933631>

Question 23

Google has a special team that attempts to provide Google AI speech dialog with a _____.

Answer: <https://biology-forums.com/index.php?topic=1934003>

Question 24

It is estimated that the autonomous vehicle market could be worth \$_____ trillion by 2050.

Answer: <https://biology-forums.com/index.php?topic=1933989>

Question 25

A major benefit of the IoT from a financial perspective is that it allows businesses to create new _____ streams.

Answer: <https://biology-forums.com/index.php?topic=1933935>

Question 26

What are the steps to turn industrial IoT into a competitive advantage?

Answer: <https://biology-forums.com/index.php?topic=1933951>

Question 27

Discuss how the implementation of intelligent systems will change the nature of your current job.

Answer: <https://biology-forums.com/index.php?topic=1934015>

Question 28

An electronic environment (e.g., network devices such as sensors) that are sensitive and responsive to people and their environments is referred to as ambient or _____ computing.

Answer: <https://biology-forums.com/index.php?topic=1934001>

Question 29

Discuss some of the security concerns surrounding the Pepper robot.

Answer: <https://biology-forums.com/index.php?topic=1933843>

Question 30

List and describe the four components of the IoT technology infrastructure.

Answer: <https://biology-forums.com/index.php?topic=1933953>

Question 31

In 1976, during NASA's mission to _____, a Viking lander was created for the atmospheric conditions.

Answer: <https://biology-forums.com/index.php?topic=1933821>

Question 32

Describe the Tree Augmented Naïve (TAN) Bayes method.

Answer: <https://biology-forums.com/index.php?topic=1933680>

Question 33

List the seven steps in the methodology of simulation.

Answer: <https://biology-forums.com/index.php?topic=1933774>

Question 34

Paro is a social robot for older adults. What have the results of studies on this type of robot sound?

Answer: <https://biology-forums.com/index.php?topic=1933840>

Question 35

What does the Kohonen's self-organizing feature map allow to be represented?

Answer: <https://biology-forums.com/index.php?topic=1933678>

Question 36

Moving beyond human inventions, a host of issues arise regarding AI that can _____ invent.

Answer: <https://biology-forums.com/index.php?topic=1933833>

Question 37

The capability of adaptation to new situations leads to _____.

Answer: <https://biology-forums.com/index.php?topic=1933818>

Question 38

Intelligent technologies tend to _____ the time required to complete tasks in the decision-making process and eliminate some of the nonproductive waiting time by providing knowledge and information.

Answer: <https://biology-forums.com/index.php?topic=1933995>

Question 39

One of the goals of AI is to _____ and properly react to changes in the environment that influence specific business processes and operations.

Answer: <https://biology-forums.com/index.php?topic=1933625>

Question 40

Combinations of technologies such as machine learning, voice synthesis, voice recognition, natural language processing, machine _____, automation, micromachines, and so on make it possible to combine these technologies to satisfy many needs.

Answer: <https://biology-forums.com/index.php?topic=1933817>

Question 41

_____ models are used to predict the future and are used widely in e-commerce.

Answer: <https://biology-forums.com/index.php?topic=1933754>

Question 42

How do the traditional location-based analytic techniques using geocoding of organizational locations and consumers hamper the organizations in understanding "true location-based" impacts?

Answer: <https://biology-forums.com/index.php?topic=1933782>

Question 43

Select a smart home appliance that you are interested in, describe it and discuss its advantages.

Answer: <https://biology-forums.com/index.php?topic=1933959>

Question 44

List and discuss two new emerging AI technologies addressed in the chapter.

Answer: <https://biology-forums.com/index.php?topic=1933637>

Question 45

A test known as the _____ Test determines whether a computer exhibits intelligent behavior.

Answer: <https://biology-forums.com/index.php?topic=1933630>

Question 46

Describe the four step process of management decision-making.

Answer: <https://biology-forums.com/index.php?topic=1933592>

Question 47

Intelligent technologies have the potential to collect a wide amount of information on individuals both at work and in their private time. Do you feel this is appropriate, and how should it be regulated?

Answer: <https://biology-forums.com/index.php?topic=1934009>

Question 48

Developed in 1963, _____ could move freely, avoiding obstacles in its path.

Answer: <https://biology-forums.com/index.php?topic=1933820>

Question 49

Describe the Turing test.

Answer: <https://biology-forums.com/index.php?topic=1933636>

Question 50

Describe how RFID sensors work. What is an active tag?

Answer: <https://biology-forums.com/index.php?topic=1933956>

Question 51

The growth of intelligent systems can create a number of potential legal issues. Provide an example of a legal issue and discuss how intelligent systems could have an impact and ways that this impact could be better understood and/or mitigated.

Answer: <https://biology-forums.com/index.php?topic=1934008>

Question 52

Describe the types of computer support that can be used for structured, semistructured, and unstructured decisions.

Answer: <https://biology-forums.com/index.php?topic=1933596>

Question 53

A group support system (GSS) is any combination of hardware and _____ that enhances groupwork.

Answer: <https://biology-forums.com/index.php?topic=1933883>

Question 54

Describe and differentiate between automated buildings, smart buildings and cognitive buildings.

Answer: <https://biology-forums.com/index.php?topic=1933960>

Question 55

Describe the taxonomy for model ensembles.

Answer: <https://biology-forums.com/index.php?topic=1933681>

Question 56

Discuss the four ways that IoT can drive marketing.

Answer: <https://biology-forums.com/index.php?topic=1933958>

Question 57

Any combination of hardware and software that enhances group work may be described as a _____.

Answer: <https://biology-forums.com/index.php?topic=1933876>

Question 58

List and describe four categories of models. Give examples in each category.

Answer: <https://biology-forums.com/index.php?topic=1933767>

Question 59

Describe what the IoT is.

Answer: <https://biology-forums.com/index.php?topic=1933952>

Question 60

Describe how AI can be used in marketing to provide lead generation.

Answer: <https://biology-forums.com/index.php?topic=1933643>

Question 61

Sommer (2017) believes that _____ will spread both in organizations and in society.

Answer: <https://biology-forums.com/index.php?topic=1934005>

Question 62

UBI _____ argue that giving every citizen a minimal basic income will ensure that no one goes hungry despite the massive loss of jobs that is likely to occur with the growth of robotics.

Answer: <https://biology-forums.com/index.php?topic=1933831>

Question 63

Discuss how the growth in analytics can affect organizational structure.

Answer: <https://biology-forums.com/index.php?topic=1934014>

Question 64

_____ tables conveniently organize information and knowledge in a systematic, tabular manner to prepare it for analysis and consideration of alternatives.

Answer: <https://biology-forums.com/index.php?topic=1933762>

Question 65

List some of the issues involved in data collection.

Answer: <https://biology-forums.com/index.php?topic=1933595>

Question 66

A _____ platform facilitates natural language interactions, resulting in improved collaboration.

Answer: <https://biology-forums.com/index.php?topic=1934000>

Question 67

What are the four major components of a BI system?

Answer: <https://biology-forums.com/index.php?topic=1933597>

Question 68

All quantitative models are typically made up of four basic components. List and describe them as well as what links them together.

Answer: <https://biology-forums.com/index.php?topic=1933768>

Question 69

_____ is performing preselected repetitive tasks.

Answer: <https://biology-forums.com/index.php?topic=1933819>

Question 70

Many people are afraid of AI because they believe that computers will become _____ than we are.

Answer: <https://biology-forums.com/index.php?topic=1933998>

Question 71

Can customer relationship management (CRM) systems and revenue management systems (RMS) recommend not selling a particular product to certain customers? If so, why; if not, why not?

Answer: <https://biology-forums.com/index.php?topic=1933766>

Question 72

According to ICAEW (2017), what are the advantages of AI in accounting?

Answer: <https://biology-forums.com/index.php?topic=1933639>

Question 73

List the 10 Commandments of computer ethics. Select one and discuss why you agree or disagree with it.

Answer: <https://biology-forums.com/index.php?topic=1934011>

Question 74

_____ refers to software products that address project-oriented and collaborative types of processes.

Answer: <https://biology-forums.com/index.php?topic=1933879>

Question 75

List the ways Meister (2017) suggests introducing AI to HRM operations.

Answer: <https://biology-forums.com/index.php?topic=1933641>

Question 76

In non-quantitative models, the relationships are symbolic or _____.

Answer: <https://biology-forums.com/index.php?topic=1933756>

Question 77

_____ is a technology that gives users the ability to communicate with a computer in their native language.

Answer: <https://biology-forums.com/index.php?topic=1933634>

Question 78

_____ is equivalent mostly to weak AI, which works only in narrow domains.

Answer: <https://biology-forums.com/index.php?topic=1933628>

Question 79

Describe the k-nearest neighbor (kNN) data mining algorithm.

Answer: <https://biology-forums.com/index.php?topic=1933685>

Question 80

Discuss some issues and factors that would drive the decision to successfully use AI.

Answer: <https://biology-forums.com/index.php?topic=1933638>

Question 81

Automated data collection systems are not only enabling businesses to collect more volumes of data but also enhancing the data quality and _____.

Answer: <https://biology-forums.com/index.php?topic=1933661>

Question 82

Select and discuss an example of an existing IoT application.

Answer: <https://biology-forums.com/index.php?topic=1933957>

Question 83

There are several legal and moral issues associated with the growth of robotics and AI in law enforcement. Discuss the major concerns and implications.

Answer: <https://biology-forums.com/index.php?topic=1933839>

Question 84

How can you determine if a regression model is good enough?

Answer: <https://biology-forums.com/index.php?topic=1933665>

Question 85

Select an issue related to the growth or use of intelligent systems. Briefly define the issue and discuss the ethical concern present.

Answer: <https://biology-forums.com/index.php?topic=1934010>

Question 86

In contrast with the regular Internet that connects _____ to each other using computing technology, the IoT connects "things" to each other and to sensors that collect data.

Answer: <https://biology-forums.com/index.php?topic=1933933>

Question 87

List the five assumptions made in linear regressions and select one to discuss in depth.

Answer: <https://biology-forums.com/index.php?topic=1933666>

Question 88

In relation to self driving cars, customers seem to acknowledge that such cars are coming. But they resist _____ one.

Answer: <https://biology-forums.com/index.php?topic=1933948>

Question 89

Data _____ or pulling of data from multiple subject areas and numerous applications into one repository is the raison d'être for data warehouses.

Answer: <https://biology-forums.com/index.php?topic=1933781>

Question 90

Robots that match buyers and products and conduct price and capability comparisons are known as _____.

Answer: <https://biology-forums.com/index.php?topic=1933633>

Question 91

Most of the issues related to _____ systems' adoption are the same as or similar to that of any information systems.

Answer: <https://biology-forums.com/index.php?topic=1933994>

Question 92

_____ learning techniques entail one type of machine learning (which is also a part of AI) in which the emphasis is on learning and discovering features by the system in addition to discovering the mapping from those features to the output/target.

Answer: <https://biology-forums.com/index.php?topic=1933733>

Question 93

List and describe the three layers of an ideal dashboard.

Answer: <https://biology-forums.com/index.php?topic=1933663>

Question 94

AI is sometimes described as technology that can learn to do things _____ over time.

Answer: <https://biology-forums.com/index.php?topic=1933590>

Question 95

List the current categories of challenges with autonomous cars.

Answer: <https://biology-forums.com/index.php?topic=1933837>

Question 96

Draw a model of the decision making/modeling process.

Answer: <https://biology-forums.com/index.php?topic=1933594>

Question 97

Describe implementation model and why you feel it will be significant.

Answer: <https://biology-forums.com/index.php?topic=1933645>

Question 98

Describe why autonomous trucks would have a massive disruptive effect on jobs in the transportation industry.

Answer: <https://biology-forums.com/index.php?topic=1933836>

Question 99

List and discuss the three main issues in AI and business analytics implementation as identified by Shchutskaya (2017).

Answer: <https://biology-forums.com/index.php?topic=1934013>

Question 100

List the key categories of robots.

Answer: <https://biology-forums.com/index.php?topic=1933834>

Question 101

List four difficulties that may arise when analyzing multiple goals.

Answer: <https://biology-forums.com/index.php?topic=1933771>

Question 102

A possible benefit of ambient intelligence is its ability to _____ into the environment and existing systems

Answer: <https://biology-forums.com/index.php?topic=1934004>

Question 103

_____ of a large number of flying cars may be a problem.

Answer: <https://biology-forums.com/index.php?topic=1933947>

Question 104

In a visual interactive simulation (VIS), _____ models display systems that evolve over time, and the evolution is represented by animation.

Answer: <https://biology-forums.com/index.php?topic=1933765>

Question 105

How is a general Hopfield network represented architecturally?

Answer: <https://biology-forums.com/index.php?topic=1933679>

Question 106

Describe the use of both Gantt and Pert charts.

Answer: <https://biology-forums.com/index.php?topic=1933664>

Question 107

An online retail site usually knows its customer as soon as the customer signs in, and thus they can offer _____ pages/offerings to enhance the experience.

Answer: <https://biology-forums.com/index.php?topic=1933589>

Question 108

Smart homes will also have smart _____ that can serve people snacks, help take care of people who are handicapped, and even teach children different skills.

Answer: <https://biology-forums.com/index.php?topic=1933943>

Question 109

In September 2016, DOT announced the first-ever guidelines for _____ driving.

Answer: <https://biology-forums.com/index.php?topic=1933830>

Question 110

What is the most common method for treating risk in decision trees and tables?

Answer: <https://biology-forums.com/index.php?topic=1933773>

Question 111

A type of crowdsourcing where people are giving their opinions and ratings on ideas, products, or services, as well as evaluating and filtering information presented to them is _____.

Answer: <https://biology-forums.com/index.php?topic=1933881>

Question 112

_____ is a huge detriment thus far in the growth of IoT applications because few IoT devices connect seamlessly with each other.

Answer: <https://biology-forums.com/index.php?topic=1933949>

Question 113

List the major components of a robot.

Answer: <https://biology-forums.com/index.php?topic=1933844>

Question 114

In decision-making, fixed factors that affect the result variables but are not manipulated by decision maker are called _____ variables.

Answer: <https://biology-forums.com/index.php?topic=1933757>

Question 115

List four things sensitivity analyses are used for.

Answer: <https://biology-forums.com/index.php?topic=1933772>

Question 116

One benefit of emotional support robots is in the prevention of _____.

Answer: <https://biology-forums.com/index.php?topic=1933816>

Question 117

Not every business is using _____, but almost all those that use them increase income and profit

Answer: <https://biology-forums.com/index.php?topic=1933996>

Question 118

It is reported that AI will create _____ million jobs in 2020 while eliminating 1.8 million.

Answer: <https://biology-forums.com/index.php?topic=1933997>

Question 119

According to the survey by MarketsandMarkets, the cobots market in 2020 will be worth around \$ _____.

Answer: <https://biology-forums.com/index.php?topic=1933826>

Question 120

In the _____ step of the intelligent systems implementation process, it is necessary to examine the organization readiness for analytics and AI.

Answer: <https://biology-forums.com/index.php?topic=1933990>

Question 121

List four rational economic assumptions the linear programming allocation model is based upon.

Answer: <https://biology-forums.com/index.php?topic=1933770>

Question 122

In the process of image recognition (or categorization), images are first transformed into a multidimensional _____ and then, using machine-learning techniques, are categorized into a finite number of classes.

Answer: <https://biology-forums.com/index.php?topic=1933675>

Question 123

In 1992, Boser, Guyon, and Vapnik suggested a way to create nonlinear classifiers by applying the kernel trick to maximum-margin hyperplanes. How does the resulting algorithm differ from the original optimal hyperplane algorithm proposed by Vladimir Vapnik in 1963?

Answer: <https://biology-forums.com/index.php?topic=1933683>

Question 124

Employees that leave companies are interviewed and reminded that they signed an agreement regarding _____ they acquired when working for the company they leave.

Answer: <https://biology-forums.com/index.php?topic=1933988>

Question 125

What are the three steps in the process-based approach to the use of support vector machines (SVMs)?

Answer: <https://biology-forums.com/index.php?topic=1933684>

Question 126

_____ can be considered to be an umbrella term and is usually measured by an IQ test.

Answer: <https://biology-forums.com/index.php?topic=1933629>

Question 127

Discuss the drivers of AI.

Answer: <https://biology-forums.com/index.php?topic=1933635>

Question 128

The _____ of Big Data is its potential to contain more useful patterns and interesting anomalies than "small" data.

Answer: <https://biology-forums.com/index.php?topic=1933780>

Question 129

When evaluating barriers to smart home adoption, confusion regarding too many products and vendors is an issue of _____.

Answer: <https://biology-forums.com/index.php?topic=1933944>

Question 130

_____ provides the algorithms for the interconnections among people creating the human swarm.

Answer: <https://biology-forums.com/index.php?topic=1933886>

Question 131

Intelligent systems professionals and users must be aware of the legal and _____ issues involved in collecting information that may be privileged or protected.

Answer: <https://biology-forums.com/index.php?topic=1933992>

Question 132

Many intelligent applications are managed and updated in the _____ and/or connected to the regular Internet.

Answer: <https://biology-forums.com/index.php?topic=1933993>

Question 133

List the ways that Savar (2017) believes AI will transform HRM, especially in recruiting.

Answer: <https://biology-forums.com/index.php?topic=1933640>

Question 134

_____ is the world's largest e-commerce company and the provider of cloud computing and IoT platforms.

Answer: <https://biology-forums.com/index.php?topic=1934002>

Question 135

How do you feel that the shift from automation to its autonomy will affect robotics development?

Answer: <https://biology-forums.com/index.php?topic=1933841>

Question 136

In _____ simulation, one or more of the independent variables follows certain probability distributions, which can be either discrete distributions or continuous distributions.

Answer: <https://biology-forums.com/index.php?topic=1933760>

Question 137

In machine learning, the _____ is a method for converting a linear classifier algorithm into a nonlinear one by using a nonlinear function to map the original observations into a higher-dimensional space.

Answer: <https://biology-forums.com/index.php?topic=1933672>

Question 138

To exhibit real intelligence, machines need to perform the _____ range of human cognitive capabilities.

Answer: <https://biology-forums.com/index.php?topic=1933591>

Question 139

List the four-step approach identified by KPMG for successful implementation of digital labor.

Answer: <https://biology-forums.com/index.php?topic=1934012>

Question 140

One of the benefits of AI is that AI machines can work _____ or be assistants to humans.

Answer: <https://biology-forums.com/index.php?topic=1933626>

Question 141

If a groupware tool has _____ features, it means that communication and collaboration using that tool are done in real time.

Answer: <https://biology-forums.com/index.php?topic=1933878>

Question 142

The CPU provides _____ for the robot to learn from the surrounding movement of the body or any of its actions.

Answer: <https://biology-forums.com/index.php?topic=1933824>

Question 143

The earliest GDSS was installed in expensive, customized, special purpose facilities called _____ that had PCs and a large public screen at the front of each room.

Answer: <https://biology-forums.com/index.php?topic=1933880>

Question 144

Many predict that in smart cities connected and self-driven _____ will be everywhere.

Answer: <https://biology-forums.com/index.php?topic=1933946>

Question 145

A _____ is a flexible system that can self-optimize performance across a broader network, self-adapt to and learn from new conditions in real or near real time, and autonomously run entire production processes.

Answer: <https://biology-forums.com/index.php?topic=1933945>

Question 146

Identifying a model's _____ (e.g., decision, result, uncontrollable) and their relationships is very important in creating and using models.

Answer: <https://biology-forums.com/index.php?topic=1933753>

Question 147

Industrial robots have end _____ that contribute to the robot's work as a hand.

Answer: <https://biology-forums.com/index.php?topic=1933825>

Question 148

_____ refers to data that cannot be stored in a single storage unit and typically refers to data that come in many different forms: structured, unstructured, in a stream, and so forth.

Answer: <https://biology-forums.com/index.php?topic=1933588>

Question 149

Due largely to their better classification results, support vector machines (SVMs) have recently become a popular technique for _____-type problems.

Answer: <https://biology-forums.com/index.php?topic=1933673>

Question 150

A group support system (GSS) is any combination of hardware and software that enhances group work either in direct or indirect support of decision making. When and how did GSS evolve?

Answer: <https://biology-forums.com/index.php?topic=1933887>

Question 151

The goal of _____ analytics is to recognize what is going on as well as the likely forecast and make decisions to achieve the best performance possible.

Answer: <https://biology-forums.com/index.php?topic=1933587>

Question 152

A _____ sensor is one that senses the environment and processes the input it collects by using its built-in computing capabilities.

Answer: <https://biology-forums.com/index.php?topic=1933939>

Question 153

Historically, the development of ANNs followed a heuristic path, with applications and extensive experimentation preceding theory. In contrast to ANNs, the development of SVMs involved sound _____ theory first, then implementation and experiments.

Answer: <https://biology-forums.com/index.php?topic=1933674>

Question 154

_____ modeling uses rules to determine solutions that are good enough.

Answer: <https://biology-forums.com/index.php?topic=1933755>

Question 155

Why have neural networks shown much promise in many forecasting and business classification applications?

Answer: <https://biology-forums.com/index.php?topic=1933677>

Question 156

_____ refers to outsourcing tasks to a large group of people (crowd). One of the major reasons for doing so is the potential for the wisdom of a crowd to improve decision making and assist in solving difficult problems.

Answer: <https://biology-forums.com/index.php?topic=1933882>

Question 157

The IoT may generate a huge amount of data that needs to be analyzed by various business intelligence methods, including _____, or advanced AI methods.

Answer: <https://biology-forums.com/index.php?topic=1933937>

Question 158

Which type of a and a transfer function is described: operation increases in a line based on condition, but only after a minimum is met using an operation such as $a=n$ if $n>0$, or $a=0$ if n

Question 159

_____ sensors are more reliable than those that operate in larger ranges.

Answer: <https://biology-forums.com/index.php?topic=1933940>

Question 160

Describe the model for the use of intelligent technologies in manufacturing companies.

Answer: <https://biology-forums.com/index.php?topic=1933644>

Question 161

In the _____ layer of the IoT the data collected are managed.

Answer: <https://biology-forums.com/index.php?topic=1933934>

Question 162

One of the advantages of simulation is that a great amount of _____ can be attained, quickly giving a manager some feel as to the long-term (1- to 10-year) effects of many policies.

Answer: <https://biology-forums.com/index.php?topic=1933752>

Question 163

List five of the major drivers of the IoT.

Answer: <https://biology-forums.com/index.php?topic=1933954>

Question 164

A basic argument of the _____ expressed in interviews, TV lectures, and more, is that AI will support humans and enable innovations.

Answer: <https://biology-forums.com/index.php?topic=1933999>

Question 165

Before sending driverless cars on roads, engineers drive a route several times and collect _____ about its surroundings.

Answer: <https://biology-forums.com/index.php?topic=1933829>

Question 166

Discuss how conversational bots can improve customer experience.

Answer: <https://biology-forums.com/index.php?topic=1933642>

Question 167

In comparison to static models, _____ models represent behavior over time.

Answer: <https://biology-forums.com/index.php?topic=1933761>

Question 168

The earliest GDSS were installed in expensive, customized, special- purpose facilities called _____ rooms, with PCs and large public screens at the front of each room.

Answer: <https://biology-forums.com/index.php?topic=1933885>

Question 169

List the pros and cons of model ensembles compared to individual models.

Answer: <https://biology-forums.com/index.php?topic=1933682>

Question 170

Simulation involves setting up a _____ of a real system and conducting repetitive experiments on it.

Answer: <https://biology-forums.com/index.php?topic=1933759>

Question 171

A smart refrigerator sending you a text message when an item is low is an example of sensor-to-_____.

Answer: <https://biology-forums.com/index.php?topic=1933941>

Question 172

In the _____ step of the intelligent systems implementation process, it is necessary to complete security, integration with other systems, project management preparation activities.

Answer: <https://biology-forums.com/index.php?topic=1933991>

Question 173

Describe the three main types of business reports.

Answer: <https://biology-forums.com/index.php?topic=1933667>

Question 174

Select and discuss one of the best practices in dashboard design.

Answer: <https://biology-forums.com/index.php?topic=1933662>

Question 175

_____ refers to the total intelligence of a group.

Answer: <https://biology-forums.com/index.php?topic=1933884>

Question 176

Compare and contrast decision making under uncertainty, risk and certainty.

Answer: <https://biology-forums.com/index.php?topic=1933769>

Question 177

Deciding to purchase an FDIC-insured Certificate of Deposit at a U.S. bank can be viewed as decision making under _____.

Answer: <https://biology-forums.com/index.php?topic=1933758>

Question 178

Why are support vector machines a popular machine-learning technique?

Answer: <https://biology-forums.com/index.php?topic=1933676>

Question 179

At this time, AI systems do not have the same learning capabilities that humans have; rather, they have simplistic _____.

Answer: <https://biology-forums.com/index.php?topic=1933632>

Question 180

A number of new technologies are available in today's cars, such as _____ cameras and front and back sensors that help vehicles detect objects in the environment and alert the driver to them or even take necessary actions automatically.

Answer: <https://biology-forums.com/index.php?topic=1933828>

Question 181

Research the concept of UBI. Do you feel that UBI is a valid solution to the growth of robotics in US jobs?

Answer: <https://biology-forums.com/index.php?topic=1933838>

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