IT 认证电子书

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Exam : **Artificial Intelligence Foundation**

Title : Foundation Certification Artificial Intelligence

Version : DEMO

1.What is one of the MAIN contributions of AI to the rapid development of The Fourth Industrial Revolution?

A. Enhanced design.

B. Automation

C. Big Data

D. AI personal assistants.

Answer: B

Explanation:

https://research.com/careers/what-is-the-fourth-industrial-revolution Artificial Intelligence (AI) is playing a major role in the rapid development of the Fourth Industrial Revolution. AI technologies are enabling the automation of many processes that were previously carried out by humans or machines, which has greatly increased the speed, efficiency, and accuracy of these processes. Automation is one of the main contributions of AI to the Fourth Industrial Revolution, as it has greatly increased the productivity of businesses and industries, while reducing the cost of production and improving the quality of products. References:

https://www.bcs.org/more/certifications/foundation-certificate-in-artificial-intelligence/ https://www.apmg-international.com/en-gb/courses/fourth-industrial-revolution/fourth-industrial-revolution-foundation-and-certification/

2.The EU's Ethical Guidelines use what to demonstrate trustworthy AI?

A. A quality assurance plan.

B. UN's sustainability goals.

C. Customer feedback.

D. A human-centric value system.

Answer: D

Explanation:

The European Union's Ethical Guidelines for Trustworthy AI use a human-centric value system to demonstrate that Artificial Intelligence (AI) is trustworthy. This value system is based on human rights, autonomy, safety, privacy, transparency, accountability and fairness. The guidelines also state that AI should be designed, developed and used in a manner that respects these values. References:

☞ https://ec.europa.eu/digital-single-market/en/news/ethical-guidelines-trustworthy-ai

☞ BCS Foundation Certificate In Artificial Intelligence Study Guide (2019), A.I & Ethics, Chapter 5.

3.Narrow or weak AI can be useful to robots.

Which of the following is an example of narrow AI?

A. Conscious simul-ation.

B. Artificial General AI.

C. Conscious integration.

D. NLP - Natural Language Processing.

Answer: D

Explanation:

NLP - Natural Language Processing is an example of narrow AI. It is a type of AI system that is able to understand, interpret, and generate natural language. NLP has become increasingly popular over the past few years, as it has been used to create applications such as chatbots, virtual assistants, and

search engines. NLP systems are able to learn language and the context in which it is used, and they are able to understand the nuances of language and its different meanings.

References: BCS Foundation Certificate In Artificial Intelligence Study Guide,

https://bcs.org/certifications/foundation-certificates/artificial-intelligence/

4.In an AI project the domain expert is the person...

A. with technical and managerial oversight of the business plan

B. who manages the agile project and writes the technical terms of reference

C. who measures the trustworthiness of the AI system

D. with special knowledge or skills in the area of endeavour and defines what is fit for purpose'

Answer: D

Explanation:

In an AI project, a domain expert is a person with special knowledge or skills in that particular area of endeavour, and they are responsible for defining what is "fit for purpose" for the project. The domain expert provides insights into the problem and suggests ways to address it. They also provide guidance on evaluating and validating the AI system and its outputs. The domain expert is also responsible for communicating with stakeholders and providing feedback on the progress of the project.

References:

☞ BCS Foundation Certificate In Artificial Intelligence Study Guide (2019), AI & People, Chapter 12.

☞ https://www.apmg-international.com/en/al-adoption/domain-expert/

5.The Scrum Master is part of which team?

A. Software development team.

B. Data preparation team

C. Agile project team.

D. Management team

Answer: C

Explanation:

https://www.techtarget.com/whatis/definition/scrum-master#:~:text=A%20Scrum%20Master%20is%20a,in%20accordance%20with%20Agile% 20principles.

The Scrum Master is part of the agile project team, and is responsible for ensuring that the team is following the Scrum process. The Scrum Master is the facilitator of the team, ensuring that the team is working together and following the Scrum principles. They are also responsible for protecting the team from any external influences and helping resolve any issues that may arise.

References:

[1] https://www.bcs.org/upload/pdf/foundation-certificate-ai-syllabus-v1.pdf

[2] https://www.apmg-international.com/en/qualifications-and-certifications/bc-foundation-certificate-in-artificial-intelligence/

[3] https://www.exin.com/en/certifications/bc-foundation-certificate-in-artificial-intelligence/

[4] https://www.scrumguides.org/scrum-guide.html