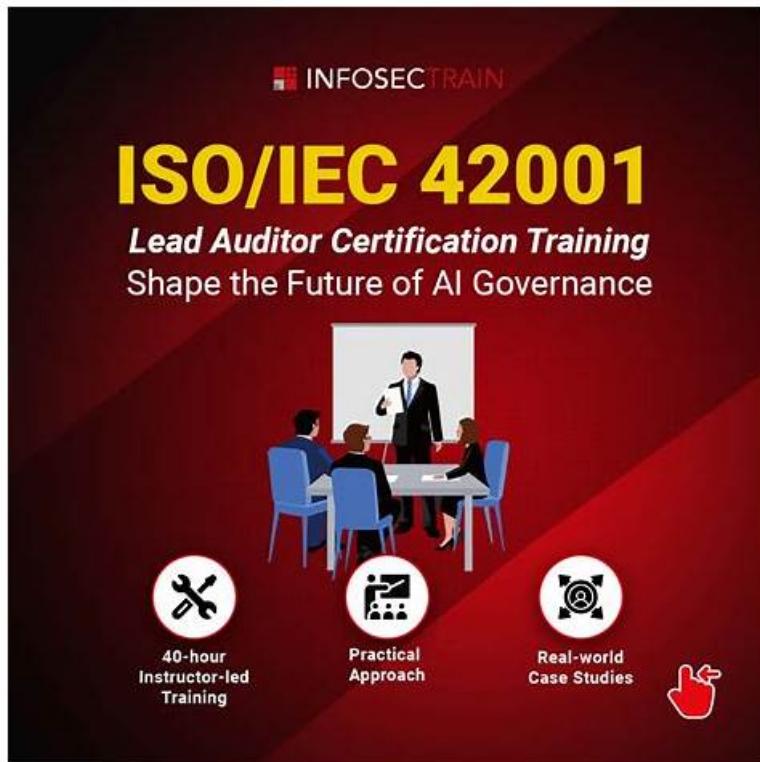


ISO-IEC-42001-Lead-Auditor試験の準備方法 | ユニークなISO-IEC-42001-Lead-Auditor試験過去問試験 | 権威のあるISO/IEC 42001:2023Artificial Intelligence Management System Lead Auditor Exam日本語pdf問題



P.S. PassTestがGoogle Driveで共有している無料かつ新しいISO-IEC-42001-Lead-Auditorダンプ: https://drive.google.com/open?id=1EVlukY6Ufn6E-DdASuNKVNyUm6qnE_B

これらすべてのISO-IEC-42001-Lead-Auditor学習教材で、あなたの成功は100%保証されます。さらに、無料のデモがあります。無料のデモでは、練習資料の内容について証明された経験に基づいた推測を提供します。ISO-IEC-42001-Lead-Auditor試験の知識を、あなたのように成功することに熱心な熱心な試験受験者に伝えることで、彼らはそれを助けを提供する責任として扱います。あなたの情報の次の特徴を備えたISO-IEC-42001-Lead-Auditor学習ガイドを入手できる場合は、驚くべき進歩を遂げる準備をしてください。

PECB ISO-IEC-42001-Lead-Auditor 認定試験の出題範囲:

トピック	出題範囲
トピック 1	<ul style="list-style-type: none">Fundamental principles and concepts of an AI management system: This section of the exam measures the skills of an AI Compliance Officer and covers the basic principles of artificial intelligence, including ethical use, trustworthiness, and transparency. It introduces the purpose and importance of having an AI management system in place for responsible AI governance.
トピック 2	<ul style="list-style-type: none">AI management system requirements: This section of the exam measures the skills of a Lead Auditor and focuses on understanding the key requirements outlined in ISO IEC 42001. It explains how organizations should structure their AI-related activities and processes to meet compliance standards effectively.

トピック 3	<ul style="list-style-type: none"> Preparing an ISO IEC 42001 audit: This section of the exam measures the skills of a Lead Auditor and covers how to plan and prepare for an AI management system audit. It includes creating audit plans, selecting team members, and setting clear objectives to ensure a smooth audit process.
トピック 4	<ul style="list-style-type: none"> Conducting an ISO IEC 42001 audit: This section of the exam measures the skills of a Lead Auditor and focuses on executing the audit according to ISO IEC 42001 guidelines. It includes collecting evidence, interviewing relevant staff, and evaluating compliance with the AI management system standards.
トピック 5	<ul style="list-style-type: none"> Fundamental audit concepts and principles: This section of the exam measures the skills of a Lead Auditor and outlines essential audit concepts such as evidence collection, impartiality, objectivity, and ethical conduct. It introduces the core principles that form the foundation of a reliable and consistent auditing process.

>> ISO-IEC-42001-Lead-Auditor試験過去問 <<

合格する ISO-IEC-42001-Lead-Auditor試験過去問-有効的な ISO-IEC-42001-Lead-Auditor日本語pdf問題

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PECB ISO/IEC 42001:2023 Artificial Intelligence Management System Lead Auditor Exam 認定 ISO-IEC-42001-Lead-Auditor 試験問題 (Q46-Q51):

質問 #46

Scenario 1 (continued):

To ensure the integrity of the AI system, Future Horizon Academy has implemented measures to ensure that training data remain isolated from data that could lead to harmful or undesirable outcomes. The institution adds significant data elements as metadata, transforms the data into a format usable by the AI system, and uses data from one or more trusted sources.

Committed to standardization and continual improvement, Future Horizon Academy decided to implement an artificial intelligence management system (AIMS) based on ISO/IEC 42001 that would help the institution increase operational efficiency, resulting in improved processes.

After having the AIMS in place for a year, the institution decided to apply for a certification audit to get certified against ISO/IEC 42001. Prior to the certification audit, the institution conducted an internal audit and management review to ensure that the AIMS aligns with the institution's own requirements and that the system is being maintained effectively.

Question:

Based on Scenario 1, what category of AI systems did Future Horizon Academy utilize?

- A. Cognitive computing
- B. Machine perception
- C. Soft computing
- D. Semantic computing

正解: A

解説:

Future Horizon Academy's AI involves mimicking human learning from structured data and contextual metadata, which is part of Cognitive Computing. ISO/IEC 42001 Annex B highlights cognitive capabilities such as learning, reasoning, and adapting-relevant to the described system. Reference: ISO/IEC 42001:2023 Annex B (Informative: Cognitive Capabilities).

質問 # 47

What is one of the key objectives of conducting an audit according to ISO 19011?

- A. Training employees on audit techniques
- B. Issuing certificates of compliance
- C. Imposing penalties on non-compliant organizations
- D. Evaluating the effectiveness of the management system

正解: D

解説:

The primary objective of an audit, as defined in ISO 19011:2018 - Clause 5.1, is to evaluate the extent to which the management system conforms to planned arrangements and is effectively implemented and maintained.

Audits are not meant to issue certificates or impose penalties - they are tools for continual improvement, helping organizations assess the performance and effectiveness of their systems.

This aligns with the purpose of internal audits described in ISO/IEC 42001:2023 - Clause 9.2, which is to verify the effectiveness of the AIMS (Artificial Intelligence Management System).

質問 # 48

Scenario 2 (continued):

Empsy HR Solutions is a human resources consulting company that provides innovative HR solutions to diverse industries. Recognizing the significant impact of artificial intelligence AI in HR processes, including its ability to automate repetitive tasks, analyze vast amounts of data for insights, improve recruitment and talent management strategies, and personalize employee experiences, the company has initiated the implementation of an artificial intelligence management system AIMS based on ISO/IEC 42001.

Initially, the top management established an AI policy that was aligned with the company's objectives. The AI policy provided a framework for defining AI objectives, a commitment to meeting relevant requirements, and a dedication to continually improve the AIMS. However, it did not refer to other organizational policies, although some were relevant to the AIMS. Afterward, the top management documented the policy, communicated it internally, and made it accessible to interested parties.

The top management designated specific individuals to ensure that the AIMS meets the standard's requirements. Additionally, they ensured that these individuals were responsible for overseeing the AIMS, reporting its performance to the top management, and facilitating continual improvement. Moreover, in its awareness sessions, the company focused exclusively on ensuring that all personnel were informed about the AI policy, emphasizing their role in ensuring the effectiveness of the AIMS and the benefits of enhanced AI performance.

The company also planned, implemented, and monitored processes to meet AIMS requirements. Additionally, it set clear criteria and implemented controls based on them, ensuring effective operation, alignment with organizational objectives, and continual improvement. Empsy HR Solutions decided to implement strict measures to control changes to documented information within the AIMS. To ensure the integrity and accuracy of documentation, the company adopted version control practices. Each document update was tracked using a versioning system, with clear records of what was modified, who made the changes, and when the updates occurred. Access to make changes was restricted to authorized personnel, and any proposed modifications required approval from the designated management team before being implemented.

Moreover, considering past experiences where the company encountered unforeseen risks, Empsy HR Solutions established a comprehensive AI risk assessment process. This process involved identifying, analyzing, and evaluating AI risks to determine if it is necessary to implement additional controls than those specified in Annex A. The company also referred to Annex B for guidance on implementing controls and, ultimately, produced a Statement of Applicability SoA. The SoA contained the necessary controls, including all the controls of Annex A and justifications for their inclusion or exclusion.

Lastly, Empsy HR Solutions decided to establish an internal audit program to ensure the AIMS conforms to both the company's requirements and ISO/IEC 42001. It defined the audit objectives, criteria, and scope for each audit, selected auditors, and ensured objectivity and impartiality during the audit process. The results of the first audit were documented and reported only to the top management of the company.

Question:

Based on Scenario 2, has Empsy HR Solutions established a suitable internal audit program?

- A. No, the company should outsource the internal audit function to ensure objectivity and impartiality
- B. No, results of audits should also be reported to the relevant managers
- C. Yes, the internal audit program was established in accordance with ISO/IEC 42001 requirements
- D. Yes, provided results are communicated only to top management

正解: B

解説:

ISO/IEC 42001 Clause 9.2.2 specifies that internal audit results should be communicated to relevant management in addition to top management. Only informing top management is insufficient and nonconforming.

Reference: ISO/IEC 42001:2023 Clause 9.2.2 (Internal Audit Program Communication).

質問 #49

What among the below list of steps comes before the other ones in the management system audit process?

- A. Initiating the audit
- B. Performing document review
- C. Conducting the opening meeting
- D. Preparing the audit report

正解: A

解説:

The first step in the audit process is Initiating the audit.

As per ISO 19011:2018 - Clause 6.3, initiating the audit involves activities such as appointing the audit team, defining the audit scope and objectives, and communicating with the auditee to set expectations.

After initiation, the auditor proceeds with document review, followed by the opening meeting, and then moves into audit execution and reporting.

Reference: ISO 19011:2018 - Clause 6.3 (Initiating the audit)

PECB Lead Auditor Guide - Domain 4: "Audit Lifecycle and Step-by-Step Process"

質問 #50

During an audit, the auditor employed data analytic technology to identify anomalies and unusual patterns in the decision-making processes of an AI system used by a financial institution to approve or reject loan applications. Which data analytic technology did the auditor use?

- A. Sentiment analysis
- B. Predictive analytics
- C. Text analytics
- D. Data mining

正解: D

解説:

The question refers to the auditor using technology to uncover anomalies and patterns in decision-making - this is characteristic of data mining.

Data mining is the process of discovering patterns, correlations, and anomalies from large datasets using statistical and computational techniques. It is commonly used during AI audits to detect inconsistencies or risks hidden in the data that may affect ethical or regulatory compliance.

* Predictive analytics is focused on forecasting future outcomes.

* Text analytics deals with extracting insights from unstructured text.

* Sentiment analysis specifically focuses on emotional tone, not decision-making anomalies.

Reference:

ISO/IEC 42001:2023, Annex A - Data analysis and bias detection

PECB ISO/IEC 42001 Lead Auditor Guide - Section: Use of Data Mining in AI Audits ISO/IEC TR 24028:2020 -

Trustworthiness in AI systems: Role of data mining in audits Certainly! Below are the answers to Questions 36 through 38 from Scenario 5, presented in the required format with references to ISO/IEC 42001:2023, ISO/IEC 17021-1:2015, ISO 19011:2018, and PECB's Lead Auditor Study Guide.

質問 #51

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ISO-IEC-42001-Lead-Auditor日本語pdf問題: <https://www.pass-test.jp/PECB/ISO-IEC-42001-Lead-Auditor-shiken.html>

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