

AAIA素晴らしい | ハイパスレートのAAIAトレーニング資料試験 | 試験の準備方法ISACA Advanced in AI Audit最新関連参考書



BONUS!!! Japancert AAIAダンプの一部を無料でダウンロード: <https://drive.google.com/open?id=1eLUxX6OLPtEIJ038yLM94PuCmOdQOMT>

Japancert合格率は非常に高く99%に達し、AAIA試験トレントも高いヒット率を高めています。AAIAの調査の質問は、認定された専門家によって編集され、長年の経験を持つ専門家によって承認されています。AAIAの調査問題は、過去の試験問題と密接にリンクしており、業界の一般的な傾向に準拠しています。したがって、当社ISACAのISACA Advanced in AI AuditのAAIAガイドトレントは高品質であり、AAIA試験に高い確率で合格することができます。

Japancertの提供された問題集は更新されました。あなたは試験を準備しているなら、この最新の問題集で有効の復習計画を立てることができます。我々のAAIA問題集は正式試験のすべての問題を含めています。受験生は試験に順調に合格するのを確保するために、我々はこの質の高いAAIA問題集を提供します。

>> AAIAトレーニング資料 <<

ISACA AAIA最新関連参考書、AAIA試験時間

お客様に自分に一番ふさわしいISACAのAAIA試験の復習方式を提供するために、我々はISACAのAAIAの資料の3つのバージョンを提供します。PDF、オンライン版とソフト版です。あなたの試験準備にヘルプを提供するのは常にあります。すべてのバージョンは無料のデモを提供します。そのほかに、どのバージョンでも全面的で最新版のISACAのAAIAの資料を提供します。

ISACA AAIA 認定試験の出題範囲:

トピック	出題範囲

トピック 1	AI Operations: It covers managing AI-specific data needs—including collection, quality, security, and classification—applying development lifecycle methodologies with privacy and security by design, change and incident management, testing AI solutions, identifying AI-related threats and vulnerabilities, and supervising AI deployments.
トピック 2	Auditing Tools and Techniques: This section of the exam measures the skills of AI auditors and centers on auditing AI systems using appropriate tools and methods. It includes audit planning and design, sampling methodologies specific to AI, collecting audit evidence, using data analytics for quality assurance, and producing AI audit outputs and reports, including follow-up and quality control measures.
トピック 3	AI GOVERNANCE AND RISK: It encompasses understanding different AI models and their life cycles, guiding AI strategy, defining roles and policies, managing AI-related risks, overseeing data privacy and governance, and ensuring adherence to ethical practices, standards, and regulations.

ISACA Advanced in AI Audit 認定 AAIA 試験問題 (Q97-Q102):

質問 #97

An AI tool is being implemented for a regional healthcare organization. Which of the following training methods BEST ensures the AI output does not reveal whether someone's personal data was used?

- A. Supervised learning with labeled patient records
- B. Differential privacy applied during model training
- C. Transfer learning using public health data sets
- D. Data augmentation during training to improve privacy

正解: B

解説:

Differential privacy introduces carefully calibrated noise during training or query responses so that it becomes mathematically difficult to infer whether any specific individual's record is included in the training set. For healthcare data—highly sensitive and subject to strict privacy laws—this technique directly supports privacy-by-design, reducing the risk that model outputs leak membership information or reconstruct personal records.

Option A uses real patient records directly and does not, by itself, mitigate inference risk. Option B (data augmentation) may expand the dataset but does not guarantee resistance to membership inference attacks.

Option D (transfer learning using public data) can help, but if any private data is used in fine-tuning, privacy risks remain. Differential privacy, as in option C, is the most appropriate control to ensure that outputs do not reveal whether particular personal data was used.

References:

ISACA, AAIA Exam Content Outline- Domain 1: Privacy and Data Governance Programs; Domain 2: Data Management Specific to AI (data confidentiality, data security).

ISACA guidance on privacy-by-design and AI risk management concepts reflected in AAIA.

質問 #98

An organization deploys an AI recruitment platform to screen job applicants. The IS auditor identifies that the platform's decisions may be influenced by model bias. Which of the following risk mitigation strategies is BEST for the auditor to recommend?

- A. Suspend the use of the AI system until the training data can be verified for fairness and compliance.
- B. Implement a process to periodically test the AI system for biases and adjust parameters as needed.
- C. Require manual reviews of all AI-generated recruitment decisions before hiring is finalized.
- D. Retrain the AI model using an external data set certified for inclusivity and fairness.

正解: B

解説:

Periodic testing and monitoring for bias is a sustainable, proactive strategy aligned with best practices outlined in the AAIA™ Study Guide. This approach ensures that the AI system remains compliant over time, even as data and hiring conditions change.

"Ongoing fairness assessments help detect emerging biases and ensure that the AI model maintains equitable decision-making standards. Periodic testing also allows organizations to take corrective action before regulatory or reputational damage occurs."

Suspending the system (B) or relying solely on external datasets (C) are temporary or limited in scope. Manual reviews (D) are effective but do not solve the root issue. Therefore, A provides a comprehensive, audit-aligned solution. Reference: ISACA Advanced in AI Audit™ (AAIA™) Study Guide, Section: "Ethical and Legal Considerations in AI," Subsection: "Bias Mitigation and Monitoring"

質問 # 99

Which of the following correctly summarizes the conclusions of the model card excerpt provided?

Model Card - Electrical Grid Predictive Maintenance Model

Model Information:

Description: AI model designed to predict maintenance needs for electrical grid components, reduce unplanned downtime, and improve grid reliability.

Inputs: Real-time sensor data, historical maintenance records, and operational logs.

Outputs: Maintenance needs predictions for 60 & 90 days. Evaluation:

Approach: Cross-validation and validation of accuracy, precision, and recall.

Results: Accuracy 72%; Precision 60%; Recall 95%; F1 76%

- A. The electrical grid uptime is expected to be 72% of the time.
- **B. F1 indicates that the model identifies true maintenance needs 76% of the time.**
- C. Grid failure is predicted to occur after 90 days.
- D. The AI model correctly predicts maintenance needs 95% of the time.

正解: B

質問 # 100

Which of the following is the BEST way to mitigate data poisoning in an AI model?

- A. Increase training data set size.
- B. Rely on external third-party model providers.
- **C. Implement robust data validation protocols.**
- D. Use simpler algorithms to improve explainability.

正解: C

解説:

Data poisoning occurs when attackers manipulate training data to corrupt model behavior. The most direct mitigation is to implement robust data validation and integrity checks (option C), including anomaly detection on input distributions, provenance controls, verification of data sources, and safeguards for pipelines feeding the training set. AAIA highlights threats and vulnerabilities specific to AI and the importance of controls that protect data integrity in AI Operations.

Option A (relying on third-party providers) does not inherently eliminate poisoning risk; providers themselves may be vulnerable.

Option B (increasing data size) can dilute but not reliably remove malicious samples.

Option D (simpler algorithms) might help interpretability but does not directly prevent poisoned data from influencing the model. The most effective, aligned control is rigorous data validation to ensure only trustworthy data enters the training process.

References:

ISACA, AAIA Exam Content Outline- Domain 2: Threats and Vulnerabilities Specific to AI (controls for AI-related threats).

ISACA risk guidance referencing data integrity and poisoning risks in AI pipelines.

質問 # 101

Which of the following controls would MOST effectively mitigate worst-case service disruption scenarios affecting an AI-based application system?

- A. Updating key risk indicators (KRIs) regularly
- B. Performing periodic tabletop exercises
- C. Implementing a kill chain process in the event of disruption
- **D. Including a range of AI disruption scenarios in the disaster recovery plan (DRP)**

正解: D

解説:

Reference: ISACA Advanced in AI Audit™ (AAIA™) Study Guide, Section: "AI Governance and Risk Management," Subsection: "Business Continuity and Disaster Recovery Planning for AI"

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