

# Pass Guaranteed Quiz 2026 ISACA The Best AAIA Sample Questions



BONUS!!! Download part of TorrentValid AAIA dumps for free: <https://drive.google.com/open?id=1fbkSSFk9hP1m6EAf2gqreq0hovMIc79w>

Our AAIA Study Guide is famous for its instant download, we will send you the downloading link to you once we receive your payment, and you can down right now. Besides the AAIA study guide is verified by the professionals, so we can ensure that the quality of it. We also have free update, you just need to receive the latest version in your email address. If you don't have it, you can check in your junk mail or you can contact us.

TorrentValid is proud to announce that our ISACA AAIA exam dumps help the desiring candidates of ISACA AAIA certification to climb the ladder of success by grabbing the ISACA Exam Questions. TorrentValid trained experts have made sure to help the potential applicants of ISACA Advanced in AI Audit (AAIA) certification to pass their ISACA Advanced in AI Audit (AAIA) exam on the first try. Our PDF format carries real ISACA Advanced in AI Audit (AAIA) exam dumps.

>> **AAIA Sample Questions** <<

## Latest AAIA Learning Materials - AAIA Exam Simulator

In a field, you can try to get the AAIA certification to improve yourself, for better you and the better future. With it, you are acknowledged in your profession. The AAIA exam braindumps can prove your ability to let more big company to attention you. Then you have more choice to get a better job and going to suitable workplace. You may have been learning and trying to get the AAIA Certification hard, and good result is naturally become our evaluation to one of the important indices for one level.

### ISACA AAIA Exam Syllabus Topics:

Topic	Details

Topic 1	<ul style="list-style-type: none"> <li>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.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>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.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>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.</li> </ul>

## ISACA Advanced in AI Audit Sample Questions (Q181-Q186):

### NEW QUESTION # 181

During a risk assessment for an AI system, data drift was identified as a key risk. Which of the following is the BEST course of action?

- A. Document the risk and implement continuous monitoring.
- B. Archive the training data and proceed with deployment.
- C. Retrain the model immediately using the same data set.
- D. Disable the AI system until risk is eliminated.

**Answer: A**

Explanation:

Data drift occurs when the statistical properties of input data change over time, causing the AI model to produce increasingly inaccurate or biased results.

The correct response is to document the risk and implement continuous monitoring (A) because:

- \* Drift requires ongoing detection, not a one-time fix
- \* Retraining too early can reinforce issues (especially with the same dataset)
- \* Disabling the system (D) is overly disruptive unless drift results in unsafe decisions
- \* Continuing deployment without monitoring (C) increases risk of degraded performance. AAIA emphasizes drift monitoring dashboards, alerting mechanisms, and retraining triggers as essential controls for AI operations.

References:

AAIA Domain 2: AI Operations - Monitoring, Drift Detection, and Lifecycle Maintenance

### NEW QUESTION # 182

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

**Answer: C**

Explanation:

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"

### NEW QUESTION # 183

Which of the following is the PRIMARY benefit of implementing a robust data governance framework specific to AI solutions in an organization?

- A. It reduces the need for human oversight, ensuring seamless and autonomous data governance.
- B. It accelerates AI implementation timelines by fully automating data preparation processes.
- C. It focuses on enhancing the accuracy and reliability of AI model predictions.
- **D. It fosters adherence to industry regulations while minimizing the risk of data breaches and privacy violations.**

**Answer: D**

Explanation:

According to the AAIA™ Study Guide, a robust data governance framework ensures that AI systems are compliant with data protection laws, ethical standards, and internal policies. It provides controls over data quality, access, retention, and processing, all of which are essential to avoid breaches and maintain trust.

"A strong data governance structure is foundational for regulatory compliance and ethical AI practices. It ensures that data privacy, integrity, and usage rights are maintained across the AI lifecycle." While option A is an outcome of good data governance, and automation (B) may improve efficiency, the most fundamental benefit is risk reduction and compliance (C). Option D reflects a misunderstanding of governance which requires human oversight.

Reference: ISACA Advanced in AI Audit™ (AAIA™) Study Guide, Section: "AI Governance and Risk Management," Subsection: "Data Governance Frameworks and Compliance"

### NEW QUESTION # 184

Which of the following BEST detects model drift or unexpected changes in AI model outputs?

- A. AI model retraining
- B. Standardization of AI configurations
- **C. Anomaly monitoring**
- D. AI model documentation reviews

**Answer: C**

Explanation:

Anomaly monitoring detects irregularities or deviations in input data or model outputs, which are key indicators of model drift.

According to the AAIA™ Study Guide, continuous anomaly detection is one of the most effective methods for identifying when a model is no longer functioning as expected due to changes in the data environment.

"Monitoring for output anomalies enables early identification of model drift. This proactive approach allows organizations to retrain or adjust models before significant performance degradation occurs." Configuration standardization (A) and documentation reviews (C) support governance but don't detect changes. Retraining (D) is a remediation step, not a detection mechanism. Therefore, B is correct.

Reference: ISACA Advanced in AI Audit™ (AAIA™) Study Guide, Section: "AI Operations and Performance," Subsection: "Model Drift Detection and Anomaly Monitoring"

### NEW QUESTION # 185

A healthcare organization uses an AI model to analyze patient data and provide diagnostic recommendations.

Which of the following MOST effectively detects data drift related to the model's predictions?

- **A. Comparing incoming patient data distributions with the training data set**
- B. Using adversarial testing to simulate scenarios that stress test the model's predictions
- C. Applying overrides to allow healthcare professionals to correct the AI model's recommendations
- D. Conducting periodic model retraining to ensure alignment with updated patient data

**Answer: A**

Explanation:

Detecting data drift is critical in maintaining the reliability and accuracy of AI models, especially in dynamic environments like



id=1fbkSSFk9hP1m6EAf2gqreq0hovMlc79w