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## AAIA Latest Braindumps Questions | Valid Exam AAIA Vce Free

We can say that the ISACA AAIA exam practice questions are real, valid, and updated ISACA Advanced in AI Audit (AAIA) exam questions that will provide you with everything that you need to learn to prepare and pass the AAIA exam. The ISACA AAIA Exam Questions will not only assist you in ISACA Advanced in AI Audit (AAIA) exam preparation but also give you sight knowledge about the ISACA Advanced in AI Audit (AAIA) exam topics that will help you in your professional career.

### 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>• 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>
Topic 3	<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>

## ISACA Advanced in AI Audit Sample Questions (Q150-Q155):

### NEW QUESTION # 150

Which of the following is MOST important for an IS auditor to review during an AI system audit in order to determine compliance with intellectual property and data rights?

- A. Data performance metrics
- B. Use of open-source intellectual property
- C. Data usage agreements
- D. Model runtime efficiency logs

**Answer: C**

Explanation:

To assess compliance with intellectual property (IP) and data rights, the IS auditor must review documented data usage agreements that specify ownership, licensing, consent, and limitations of use. The AAIA™ Study Guide underscores the importance of verifying that the data used to train or feed AI models is obtained and utilized within legal and contractual boundaries.

"Auditors must review data usage agreements to validate whether the organization has appropriate rights to use, distribute, or transform data inputs, especially where third-party or sensitive data is involved." While open-source usage (C) is a concern, only B provides legal clarity. Metrics (A) and logs (D) reflect performance-not legal compliance.

Reference: ISACA Advanced in AI Audit™ (AAIA™) Study Guide, Section: "Ethical and Legal Considerations in AI," Subsection: "Data Rights, Licensing, and Intellectual Property"

### NEW QUESTION # 151

The PRIMARY objective of machine learning (ML) in data processing is to:

- A. Analyze data sets to identify visual patterns and trends.
- B. Enhance the explainability of AI model outputs.
- C. Draw statistical inferences for creating artificial human intelligence.
- D. Perform actions that would typically require human intelligence.

**Answer: D**

Explanation:

The AAIA™ Study Guide defines the core purpose of machine learning as the ability to enable systems to learn from data and make decisions or perform tasks that typically require human cognitive functions. ML allows AI systems to identify patterns, learn from historical data, and automate complex decision-making.

"Machine learning empowers systems to simulate aspects of human intelligence, including pattern recognition, language understanding, and decision-making. It forms the backbone of many AI applications designed to replace or augment human tasks." While visual analysis (A) and statistical inference (D) are functions of ML, they are subsets-not primary goals. Explainability (B) is important but is not a core ML function. Thus, C best represents the primary objective.

Reference: ISACA Advanced in AI Audit™ (AAIA™) Study Guide, Section: "AI Fundamentals and Technologies," Subsection: "Machine Learning Basics and Objectives"

**NEW QUESTION # 152**

An IS auditor is interviewing management about implemented controls around machine learning (ML) models deployed in the production environment. Which of the following schedules for reviewing the performance of a deployed model would be of GREATEST concern to the auditor?

- A. One time prior to migrating to production
- B. On an annual recurring basis
- C. After functionality changes
- D. After changes to hardware and software platforms

**Answer: A**

**NEW QUESTION # 153**

When auditing a machine learning (ML) solution, false positives can BEST be assessed by examining the level of:

- A. Accuracy
- B. Precision
- C. Completeness
- D. Recall

**Answer: B**

Explanation:

Precision measures the proportion of true positives among all positive predictions. A low precision rate indicates a high rate of false positives. The AAIATM Study Guide recommends using precision when the goal is to minimize incorrect positive alerts, which is especially relevant in fraud detection, cybersecurity, and classification models.

"Precision is the key metric when false positives have a significant operational cost. It provides insight into the model's ability to avoid incorrect positive classifications." Accuracy and recall give broader insights, but only precision directly measures false positive risk. Completeness is not a standard ML metric.

Reference: ISACA Advanced in AI AuditTM (AAIATM) Study Guide, Section: "AI Operations and Performance," Subsection: "Performance Metrics for Classification Models"

**NEW QUESTION # 154**

Which of the following is the PRIMARY reason IS auditors must be aware that generative AI may return different investment recommendations from the same set of data?

- A. Computational logic is based on probabilities.
- B. Servers are reconfigured periodically.
- C. Limitations can arise in the quantification of risk profiles.
- D. Neural node access varies each time the process is executed.

**Answer: A**

Explanation:

Generative AI systems, particularly those based on transformer models, produce outputs using probabilistic computations. As a result, even when given the same input data, these models may generate different outputs depending on sampling strategies (e.g., temperature, top-k sampling).

"Generative AI operates probabilistically, meaning that outputs can vary with each run based on stochastic sampling techniques. This variability is expected and must be accounted for in risk-sensitive environments like finance." While A and B refer to limitations and architecture, and D is unrelated to logic, C directly explains the output inconsistency.

Reference: ISACA Advanced in AI AuditTM (AAIATM) Study Guide, Section: "AI Fundamentals and Technologies," Subsection: "Stochastic Behavior in Generative Models"

**NEW QUESTION # 155**

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