

AAISM study materials: ISACA Advanced in AI Security Management (AAISM) Exam & AAISM exam torrent & AAISM actual exam



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ISACA AAISM Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">AI Risk Management: This section of the exam measures the skills of AI Risk Managers and covers assessing enterprise threats, vulnerabilities, and supply chain risk associated with AI adoption, including risk treatment plans and vendor oversight.
Topic 2	<ul style="list-style-type: none">AI Governance and Program Management: This section of the exam measures the abilities of AI Security Governance Professionals and focuses on advising stakeholders in implementing AI security through governance frameworks, policy creation, data lifecycle management, program development, and incident response protocols.
Topic 3	<ul style="list-style-type: none">AI Technologies and Controls: This section of the exam measures the expertise of AI Security Architects and assesses knowledge in designing secure AI architecture and controls. It addresses privacy, ethical, and trust concerns, data management controls, monitoring mechanisms, and security control implementation tailored to AI systems.

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ISACA Advanced in AI Security Management (AAISM) Exam Sample Questions (Q72-Q77):

NEW QUESTION # 72

Which of the following would MOST effectively ensure an organization developing AI systems has comprehensive data classification and inventory management?

- A. Implementing an automated data cataloging tool that integrates with all organizational data repositories
- B. Conducting quarterly audits of AI data sets for anomalies and missing metadata
- C. Creating a centralized team to oversee the classification of data used in AI projects
- D. Establishing a manual process to categorize data based on business needs and regulatory compliance

Answer: A

Explanation:

AAISM governance practices emphasize automation as the most effective way to maintain comprehensive, accurate, and scalable data classification and inventory management. An automated data cataloging tool integrated with all repositories ensures continuous visibility, reduces human error, and supports regulatory compliance. Centralized teams and manual processes provide oversight but cannot achieve the same scale and consistency. Periodic audits detect issues but are reactive rather than proactive. For effective governance, the best solution is automated cataloging integrated across data repositories.

References:

AAISM Study Guide - AI Governance and Program Management (Data Classification and Inventory) ISACA AI Security Management - Automated Data Cataloging for AI Projects

NEW QUESTION # 73

Which of the following BEST represents a combination of quantitative and qualitative metrics that can be used to comprehensively evaluate AI transparency?

- A. AI model complexity and accuracy metrics
- B. AI explainability reports and bias metrics
- C. AI system availability and downtime metrics
- D. AI ethical impact and user feedback metrics

Answer: D

Explanation:

The AAISM governance framework emphasizes that AI transparency cannot be evaluated using only technical statistics; it requires a combination of quantitative and qualitative metrics. The best pairing is ethical impact assessments (qualitative) with user feedback metrics (quantitative and perception-based). Availability and accuracy metrics measure performance, not transparency. Explainability reports and bias metrics are useful but still technical and limited. Comprehensive evaluation of transparency requires consideration of ethical dimensions and stakeholder perspectives, which is achieved through ethical impact analysis and user feedback.

References:

AAISM Study Guide - AI Governance and Program Management (Transparency and Accountability) ISACA AI Security Management - Measuring Ethical AI Practices

NEW QUESTION # 74

Which of the following will BEST reduce data bias in machine learning (ML) algorithms?

- A. Utilizing unstructured data sets
- B. Diversifying the model training data
- C. Adopting a more simplified model
- D. Securing the model training data

Answer: B

Explanation:

AAISM guidance clearly states that the most effective way to mitigate data bias is through diverse training data that fairly represents all relevant populations, scenarios, and contexts. Simplified models may reduce complexity but do not remove bias. Unstructured data sets may introduce new errors without addressing fairness. Securing training data protects confidentiality and integrity but does not resolve representational imbalance. Therefore, the best practice for reducing bias in ML is diversification of training datasets.

References:

AAISM Study Guide - AI Risk Management (Bias and Fairness in AI)

NEW QUESTION # 75

Which of the following recommendations would BEST help a service provider mitigate the risk of lawsuits arising from generative AI's access to and use of internet data?

- A. Appoint a data steward specialized in AI to strengthen security governance
- **B. Activate filtering logic to exclude intellectual property flags**
- C. Review log information that records how data was collected
- D. Disclose service provider policies to declare compliance with regulations

Answer: B

Explanation:

The AAISM materials highlight that one of the primary legal risks with generative AI systems is the unauthorized use of copyrighted or intellectual property-protected data drawn from internet sources. To mitigate lawsuits, the most effective recommendation is to implement filtering logic that actively excludes data flagged for intellectual property risks before ingestion or generation. While disclosing compliance policies, appointing governance roles, or reviewing logs are supportive measures, they do not directly prevent the core liability of using restricted content. The study guide explicitly emphasizes that proactive filtering and data governance controls are the most effective safeguards against legal disputes concerning content origin.

References:

AAISM Exam Content Outline - AI Risk Management (Legal and Intellectual Property Risks) AI Security Management Study Guide - Generative AI Data Governance

NEW QUESTION # 76

Which of the following should be the PRIMARY consideration for an organization concerned about liabilities associated with unforeseen behavior from agentic AI systems?

- **A. Accountability model**
- B. Model dependencies
- C. Acceptable risk level
- D. Approved base models

Answer: A

Explanation:

AAISM governance guidance stresses that when dealing with agentic AI systems capable of autonomous decision-making, the primary consideration is accountability. Without clear accountability structures, unforeseen or harmful outcomes may result in unmitigated liability for the organization. While dependencies, base models, and defined risk levels are important, they do not directly address who is responsible when systems act unpredictably. The key governance safeguard is the implementation of an accountability model that ensures liability and oversight are properly assigned.

References:

AAISM Exam Content Outline - AI Governance and Program Management (Accountability and Liability Management) AI Security Management Study Guide - Responsible Oversight of Agentic AI

NEW QUESTION # 77

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