

100% Pass Quiz AAISM - ISACA Advanced in AI Security Management (AAISM) Exam Accurate Dumps PDF



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ISACA AAISM Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2	<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.
Topic 3	<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.

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ISACA Advanced in AI Security Management (AAISM) Exam Sample Questions (Q220-Q225):

NEW QUESTION # 220

Which of the following is the GREATEST benefit of performing AI security risk assessments?

- A. Risk prioritization decisions are made for AI security
- B. Appropriate privacy risk controls are implemented for AI models
- C. The risk register is updated with the latest AI risk
- D. The appropriate level of funding is secured for AI security risk

Answer: A

Explanation:

AAISM emphasizes that the core outcome of AI risk assessments is prioritization: mapping threat likelihood and business impact to determine which risks to treat first, at what strength, and with which controls. Implementing privacy controls (A), funding alignment (B), and updating registers (C) are important outputs, but the greatest benefit is making defensible, prioritized decisions that align with risk appetite and optimize control selection and resource allocation.

References: AI Security Management (AAISM) Body of Knowledge - AI Risk Assessment & Treatment; Risk Appetite, Tolerance, and Prioritization; Governance of Risk Decisions and Tracking.

NEW QUESTION # 221

Which of the following should be the MOST important consideration when conducting an AI impact assessment?

- A. Achieve business objectives
- B. Effect on employee retention
- C. Security awareness training
- D. Reputation of the organization

Answer: A

Explanation:

An AI impact assessment prioritizes alignment with stated business objectives and intended purpose of the AI use case. Establishing whether the AI system measurably supports defined objectives (value, outcomes, success criteria) is the primary lens before assessing secondary concerns (workforce effects, awareness initiatives, reputational considerations). Governance requires confirming purpose limitation, success metrics, and risk-benefit trade-offs tied to organizational objectives; only then are downstream impacts evaluated.

References: AI Security Management (AAISM) Body of Knowledge - AI Governance & Impact Assessments; Purpose and Objective Definition; Risk-Benefit Evaluation. AAISM Study Guide - Business Alignment, Intended Use, and Success Criteria in AI Impact Assessments.

NEW QUESTION # 222

A financial organization uses AI to detect potential fraudulent activities but is concerned about the impact of potential data poisoning. Which of the following controls would BEST mitigate this risk?

- A. Using training data from multiple sources
- B. Delivering AI-specific security awareness training
- C. Implementing an updated and tested break-glass policy

- D. Being transparent with customers about the data sources

Answer: A

Explanation:

AAISM identifies training-data diversity and provenance assurance as primary treatments against data poisoning. Sourcing data from multiple, independently governed providers, combined with ingestion validation and anomaly screening, reduces the chance that a single compromised source can skew model behavior and improves cross-source consistency checks. Transparency, break-glass, and awareness are valuable but do not directly reduce poisoning exposure at the training boundary.

References: AI Security Management™ (AAISM) Body of Knowledge - Data Governance & Integrity for AI; Adversarial ML: Poisoning Threats and Mitigations; Supplier and Source Diversification Controls.

NEW QUESTION # 223

An attacker crafts inputs to a large language model (LLM) to exploit output integrity controls. Which of the following types of attacks is this an example of?

- A. **Prompt injection**
- B. Jailbreaking
- C. Evasion
- D. Remote code execution

Answer: A

Explanation:

According to the AAISM framework, prompt injection is the act of deliberately crafting malicious or manipulative inputs to override, bypass, or exploit the model's intended controls. In this case, the attacker is targeting the integrity of the model's outputs by exploiting weaknesses in how it interprets and processes prompts. Jailbreaking is a subtype of prompt injection specifically designed to override safety restrictions, while evasion attacks target classification boundaries in other ML contexts, and remote code execution refers to system-level exploitation outside of the AI inference context. The most accurate classification of this attack is prompt injection.

References:

AAISM Exam Content Outline - AI Technologies and Controls (Prompt Security and Input Manipulation) AI Security Management Study Guide - Threats to Output Integrity

NEW QUESTION # 224

Which testing technique is BEST for determining how an AI model makes decisions?

- A. Blue team
- B. Red team
- C. Black box
- D. **White box**

Answer: D

Explanation:

AAISM indicates that white-box testing allows evaluators full visibility into:

- * internal logic
- * weights
- * decision pathways
- * model architecture

This makes it ideal for understanding how decisions are made.

Black box (B) provides no internal visibility. Red/blue team tests (A, D) focus on security, not decision mechanics.

References: AAISM Study Guide - AI Testing; Explainability Through White-Box Analysis.

NEW QUESTION # 225

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