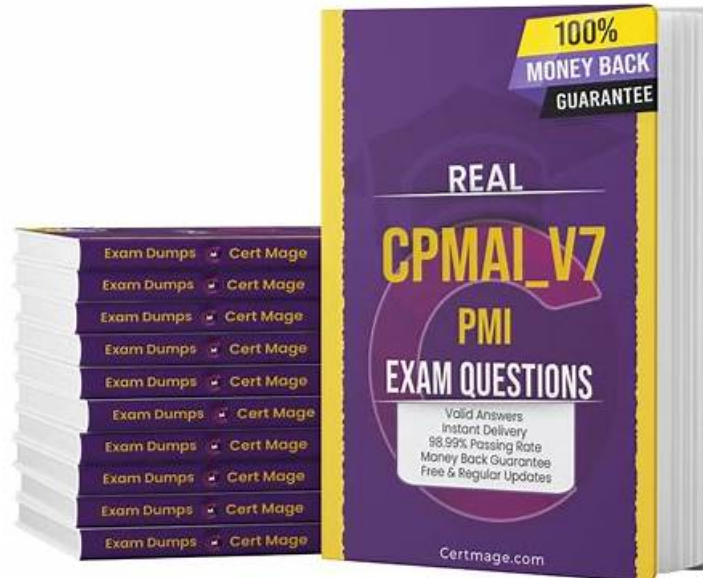


CPMAI_v7 Certification Test Questions, CPMAI_v7 Dumps Guide



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PMI CPMAI_v7 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Domain VI Trustworthy AI: This section is designed for the Project Manager and focuses on ethical, responsible, and transparent AI development. It covers building trustworthy systems, dispelling misconceptions, evaluating real-world ethical concerns, defining responsible frameworks, and implementing mitigation tactics for unintended harms. It addresses data privacy, GDPR compliance, protection of PII, anonymization techniques, security against adversarial threats, and monitoring.
Topic 2	<ul style="list-style-type: none">Machine Learning: This section is aimed at the DataAI Lead and addresses practical machine learning applications. It begins with classification, clustering, and reinforcement algorithms, including ensemble methods and evaluation against business needs. Afterwards, it examines neural network architecture design and deep learning implementation across multiple problem types. Generative AI and LLMs follow, covering use-case suitability, limitations, operation explanations, prompt engineering, fine-tuning, and integrating these technologies into augmented intelligence solutions.
Topic 3	<ul style="list-style-type: none">CPMAI Methodology: This domain measures the skills of a Project Manager and outlines the distinctive characteristics of AI projects compared to traditional software development. It investigates failure drivers, ROI justification, data quantity and quality challenges, proof-of-concept issues, real-world deployment barriers, lifecycle continuity, vendor mismatches, stakeholder misalignment, and adaptation of waterfall, lean, and agile approaches through the six phases of the CPMAI framework.

Topic 4	<ul style="list-style-type: none"> Managing AI: This section is for the Project Manager and involves assessing model performance through quality assurance practices, validation techniques, overfitting and underfitting strategies, alignment with KPIs, and iterative refinements. It additionally covers the deployment of AI from training to inference, operationalization in production environments, on-premise or cloud resource selection, data lifecycle management, version control, and the choice of appropriate machine learning services.
Topic 5	<ul style="list-style-type: none"> AI Fundamentals: This section measures the abilities of a Project Manager and explores foundational AI concepts, including its definition, links to human cognition, and differences across AGI, Strong, Weak, and Narrow AI. It includes understanding the Turing Test and cognitive computing, dispelling myths, and applying augmented intelligence in business contexts. The historical progression of AI, such as AI winters, symbolic logic, expert systems, and fuzzy logic, is examined along with reasons for AI's current prominence and its role in digital transformation. The section continues to assess the identification of suitable AI use cases, understanding limitations, and adoption patterns like conversational AI, speech processing, anomaly detection, RPA, goal-driven systems, and integrated AI solutions.

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PMI Cognitive Project Management in AI CPMAI v7 - Training & Certification Exam Sample Questions (Q74-Q79):

NEW QUESTION # 74

Creating machine learning models can be complicated. Your team wants to use tools called Automated Machine Learning (AutoML) to simplify the process. You know of another team that has used AutoML tools and it's saved the team a lot of time. However, what's the one area you should not have the AutoML tool help with?

- A. Automatic hyperparameter tuning
- B. Automatic model selection
- C. Automatic algorithm selection
- D. Automatic model assessment
- E. Iterative modeling and evaluation

Answer: E

Explanation:

CPMAI's Usage of AutoML task instructs teams to "Document how AutoML tools will be used for model creation" and to verify that the output can be integrated into the overall I/O flow . While AutoML excels at automating algorithm selection, model selection, hyperparameter tuning, and even preliminary performance metrics, CPMAI places iterative modeling and evaluation squarely under the manual Model Evaluation phase-where teams must interpret results against business success criteria and decide on next steps. Entrusting that high-level, iterative decision-making to an AutoML black box would undermine the human- centric evaluation that CPMAI mandates.

NEW QUESTION # 75

You've built your model and now need to see if it actually works as expected. In which phase of CPMAI is this done?

- A. Phase V
- B. Phase I

- C. Phase IV
- D. Phase II
- E. Phase VI
- F. Phase III

Answer: A

Explanation:

Phase V: Model Evaluation is dedicated to validating a trained model's performance against technical metrics and the business success criteria defined earlier. This phase encompasses tasks such as generating performance results, measuring KPIs, and deciding whether to retrain or proceed to operationalization.

NEW QUESTION # 76

You are establishing the data requirements for the project. Which of the following tasks is the least likely to impact data requirements?

- A. The quality of the data you collect
- **B. The makeup of your data team**
- C. The location/source of your data collection
- D. The volume of the data you collect

Answer: B

Explanation:

In Phase II: Data Understanding, CPMAI's Generic Task Groups focus on:

Collecting initial data (identifying sources and volumes) and describing data (location/source) .

Verifying data quality to ensure completeness and correctness .

Team composition (the makeup of your data team) is addressed earlier under Phase I: Assess Situation, not during the Data Understanding phase where data requirements (quality, volume, source) are determined.

NEW QUESTION # 77

You're running an AI project and want to speed up training of the model so that you can complete your current CPMAI iteration within the two week timeframe the team has set. What's one approach to speed up model training?

- A. Use cloud-based technology
- B. Use brute force method
- C. Use data from a previous project
- **D. Use or extend a pre-trained model**

Answer: D

Explanation:

The Transfer Learning task in Phase IV: Model Development recommends leveraging a pre-trained model as the starting point for a new, related task. By fine-tuning rather than training from scratch, teams dramatically reduce compute time and data requirements-ideal for tight iteration cycles.

NEW QUESTION # 78

Your team was given a large dataset and has been tasked with organizing the data by type to make better insights from the results.

You are facing problems with the approach that the previous project lead used which was a regression algorithm.

What type of algorithm is the best approach for this project?

- A. Multiclass Classification
- B. Regression
- **C. Clustering**
- D. Binary (or Binomial) Classification

Answer: C

Explanation:

When the goal is to group or organize unlabeled data into meaningful categories, CPMAI specifies the use of unsupervised clustering algorithms—for example, "if it is determined that an unsupervised clustering algorithm such as K-means will be used, the tool should support such needs". Clustering is the appropriate method for discovering groupings by type.

NEW QUESTION # 79

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