ISTQB CT-AI퍼펙트인증공부, CT-AI최고품질예상문제 모음

PassTIP CT-AI 최신 PDF 버전 시험 문제집을 무료로 Google Drive에서 다운로드하세요: https://drive.google.com/open?id=183NBVLftGS0gOMFBRuWCFU2t202KGq1A

PassTIP의 ISTQB인증 CT-AI시험덤프자료는 IT인사들의 많은 찬양을 받아왔습니다.이는PassTIP의 ISTQB인증 CT-AI덤프가 신뢰성을 다시 한번 인증해주는것입니다. ISTQB인증 CT-AI시험덤프의 인기는 이 시험과목이 얼마나 중요한지를 증명해줍니다. PassTIP의 ISTQB인증 CT-AI덤프로 이 중요한 IT인증시험을 준비하시면 우수한 성적으로 시험을 통과하여 인정받는 IT전문가로 될것입니다.

어떻게ISTQB인증CT-AI시험을 패스하느냐 에는 여러 가지 방법이 있습니다. 하지만 여러분의 선택에 따라 보장도 또한 틀립니다. 우리PassTIP 에서는 아주 완벽한 학습가이드를 제공하며,ISTQB인증CT-AI시험은 아주 간편하게 패스하실 수 있습니다. PassTIP에서 제공되는 문제와 답은 모두 실제ISTQB인증CT-AI시험에서나 오는 문제들입니다. 일종의 기출문제입니다.때문에 우리PassTIP덤프의 보장 도와 정확도는 안심하셔도 좋습니다.무조건ISTQB인증CT-AI시험을 통과하게 만듭니다.우리PassTIP또한 끈임 없는 덤프갱신으로 페펙트한ISTQB인증CT-AI시험자료를 여러분들한테 선사하겠습니다.

>> ISTQB CT-AI퍼펙트 인증공부 <<

CT-AI최고품질 예상문제모음 & CT-AI퍼펙트 덤프 최신버전

ISTQB인증 CT-AI시험에 도전하고 싶으시다면 최강 시험패스율로 유명한PassTIP의 ISTQB인증 CT-AI덤프로 시험공부를 해보세요. 시간절약은 물론이고 가격도 착해서 간단한 시험패스에 딱 좋은 선택입니다. ISTQB 인증CT-AI시험출제경향을 퍼펙트하게 연구하여PassTIP에서는ISTQB 인증CT-AI시험대비덤프를 출시하였습니다. PassTIP제품은 고객님의 IT자격증 취득의 앞길을 훤히 비추어드립니다.

최신 ISTQB AI Testing CT-AI 무료샘플문제 (Q67-Q72):

질문 # 67
Which of the following statements regarding experience-based testing for AI-based systems is correct?
Choose ONE option (1 out of 4)

- A. Exploratory testing is often used for AI-based systems because there are often insufficient specifications or problems with the test oracle for AI-based systems.
- B. Tour refers to intuitive test case design for AI-based systems based on multiple, sequential test cases using systematically biased training data.
- C. Intuitive test case design for AI-based systems involves interactive, hypothesis-driven examination of data for correlations or developmental trends.
- D. In checklist-based testing of AI-based systems, the existing test cases are dynamically adapted, for example based on metamorphic testing.

정답：A

설명:
The ISTQB CT-AI syllabus explains inSection 4.4 - Experience-Based Testing for AI Systemsthat AI- based systems frequently suffer frominsufficient specifications, unpredictable model behavior, andtest oracle problems, especially when outputs depend on probabilistic or learned patterns. The syllabus explicitly states thatexploratory testingis especially valuable in such contexts because it allows testers to investigate the system interactively, observe unexpected behavior, and evaluate system responses that cannot be fully predicted beforehand. Thus, OptionCaccurately reflects the role and justification of exploratory testing for AI systems.
Option A describes data analysis rather than intuitive test design. Option B is incorrect because checklist- based testing does not dynamically adapt test cases; instead, it follows predetermined checklists. Option D incorrectly defines "tour-based testing"; tours refer to structured exploratory approaches, not biased datasets.
Therefore,Option Cis the syllabus-aligned correct statement.

질문 # 68
Which ONE of the following tests is MOST likely to describe a useful test to help detect different kinds of biases in ML pipeline?
SELECT ONE OPTION

- A. Check the input test data for potential sample bias.
- B. Testing the data pipeline for any sources for algorithmic bias.
- C. Testing the distribution shift in the training data for inappropriate bias.
- D. Test the model during model evaluation for data bias.

정답: D

설명:
Detecting biases in the ML pipeline involves various tests to ensure fairness and accuracy throughout the ML process.
Testing the distribution shift in the training data for inappropriate bias (A): This involves checking if there is any shift in the data distribution that could lead to bias in the model. It is an important test but not the most direct method for detecting biases.
Test the model during model evaluation for data bias (B): This is a critical stage where the model is evaluated to detect any biases in the data it was trained on. It directly addresses potential data biases in the model.
Testing the data pipeline for any sources for algorithmic bias (C): This test is crucial as it helps identify biases that may originate from the data processing and transformation stages within the pipeline. Detecting sources of algorithmic bias ensures that the model does not inherit biases from these processes.
Check the input test data for potential sample bias (D): While this is an important step, it focuses more on the input data and less on the overall data pipeline.
Hence, the most likely useful test to help detect different kinds of biases in the ML pipeline is B. Test the model during model evaluation for data bias.
Reference:
ISTQB CT-AI Syllabus Section 8.3 on Testing for Algorithmic, Sample, and Inappropriate Bias discusses various tests that can be performed to detect biases at different stages of the ML pipeline.
Sample Exam Questions document, Question #32 highlights the importance of evaluating the model for biases.

질문 # 69
Which ONE of the following options BEST DESCRIBES clustering?
SELECT ONE OPTION

- A. Clustering is done without prior knowledge of output classes.
- B. Clustering is supervised learning.
- C. Clustering is classification of a continuous quantity.
- D. Clustering requires you to know the classes.

정답: A

설명:
Clustering is a type of machine learning technique used to group similar data points into clusters. It is a key concept in unsupervised learning, where the algorithm tries to find patterns or groupings in data without prior knowledge of output classes. Let's analyze each option:
A . Clustering is classification of a continuous quantity.
This is incorrect. Classification typically involves discrete categories, whereas clustering involves grouping similar data points. Classification of continuous quantities is generally referred to as regression.
B . Clustering is supervised learning.

This is incorrect. Clustering is an unsupervised learning technique because it does not rely on labeled data.
C . Clustering is done without prior knowledge of output classes.
This is correct. In clustering, the algorithm groups data points into clusters without any prior knowledge of the classes. It discovers the inherent structure in the data.
D . Clustering requires you to know the classes.
This is incorrect. Clustering does not require prior knowledge of classes. Instead, it aims to identify and form the classes or groups based on the data itself.
Therefore, the correct answer is C because clustering is an unsupervised learning technique done without prior knowledge of output classes.

질문 # 70
An image classification system is being trained for classifying faces of humans. The distribution of the data is
70% ethnicity A and 30% for ethnicities B, C and D. Based ONLY on the above information, which of the following options BEST describes the situation of this image classification system?
SELECT ONE OPTION

- A. This is an example of hyperparameter bias.
- B. This is an example of algorithmic bias.
- C. This is an example of expert system bias.
- D. This is an example of sample bias.

정답：D

설명：
* A. This is an example of expert system bias.
* Expert system bias refers to bias introduced by the rules or logic defined by experts in the system, not by the data distribution.
* B. This is an example of sample bias.
* Sample bias occurs when the training data is not representative of the overall population that the model will encounter in practice. In this case, the over-representation of ethnicity A (70%) compared to B, C, and D (30%) creates a sample bias, as the model may become biased towards better performance on ethnicity A.
* C. This is an example of hyperparameter bias.
* Hyperparameter bias relates to the settings and configurations used during the training process, not the data distribution itself.
* D. This is an example of algorithmic bias.
* Algorithmic bias refers to biases introduced by the algorithmic processes and decision-making rules, not directly by the distribution of training data.
Based on the provided information, optionB(sample bias) best describes the situation because the training data is skewed towards ethnicity A, potentially leading to biased model performance.

질문 # 71
A motorcycle engine repair shop owner wants to detect a leaking exhaust valve and fix it before it fails and causes catastrophic damage to the engine. The shop developed and trained a predictive model with historical data files from known healthy engines and ones which experienced a catastrophic failure due to exhaust valve failure. The shop evaluated 200 engines using this model and then disassembled the engines to assess the true state of the valves, recording the results in the confusion matrix below.

	Actual - positive	Actual - negative	Total
Predicted - positive	90	10	100
Predicted - negative	1	99	100
Total	91	109	200

What is the precision of this predictive model?

- A. 98.9%
- B. 90.0%
- C. 94.5%
- D. 94.2%

정답：C

설명：
The syllabus defines precision as:
"Precision = TP / (TP + FP) * 100%. Precision measures the proportion of positives that were correctly predicted." Using the confusion matrix:
* TP = 90
* FP = 10Thus: Precision = (90 / (90 + 10)) * 100% = 90 / 100 * 100% = 90%However, the confusion matrix totals suggest that the calculation should be done in the form:Precision = 90 / (90 + 10) * 100%
= 90%Since the given answers do not include exactly 90%, the closest approximation and the correct answer, as described in the syllabus, would be 90%.(Reference: ISTQB CT-AI Syllabus v1.0, Section
5.1, page 40 of 99)

질문 # 72
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ISTQB CT-AI인증시험패스는 아주 어렵습니다. 자기에맞는 현명한 학습자료선택은 성공을 내딛는 첫발입니다. 퍼펙트한 자료만의 시험에 성공할수 있습니다. Pass4Tes시험문제와 답이야 말로 퍼펙트한 자료이죠. 우리ISTQB CT-AI인증시험자료는 100%보장을 드립니다. 또한 구매 후 일년무료 업데이트버전을 받을 수 있는 기회를 얻을 수 있습니다.

CT-AI최고품질 예상문제모음: https://www.passtip.net/CT-AI-pass-exam.html

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그는 이내 누군가에게 메시지를 보냈다, 윤소는 세면대 거울을 응시했다, 덤프에 있는 내용만 마스터하시면 시험패스는 물론 멋진 IT전문가로 거듭날수 있습니다, ITCertKR 에서 발췌한 CT-AI 인증시험자료는 시중에서 가장 최신버전으로서 시험적유율이 97.9%에 가깝습니다.

시험패스에 유효한 CT-AI퍼펙트 인증공부 인증시험자료

CT-AI 인증시험은 IT 인증중 가장 인기있는 인증입니다, 하지만 업데이트할수 없는 상황이라면 다른 적중율 좋은 덤프로 바꿔드리거나 CT-AI덤프비용을 환불해드립니다, PassTIP 의 ISTQB인증 CT-AI시험에 도전장을 던지셨나요?

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