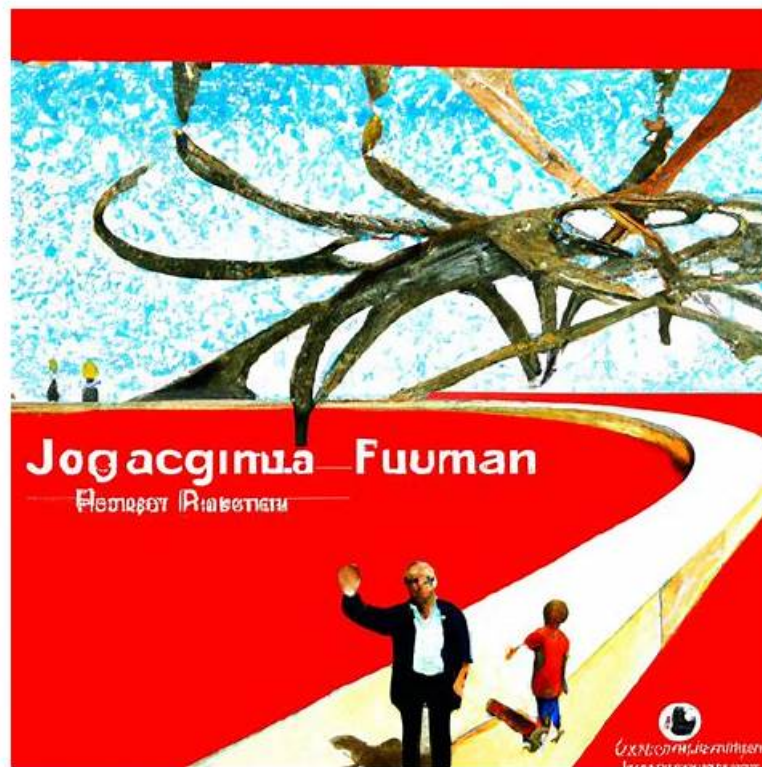


Reliable CT-AI Exam Tutorial | Test CT-AI Collection



BONUS!!! Download part of LatestCram CT-AI dumps for free: <https://drive.google.com/open?id=1CZh8vsIkRD88PXz7Vf6LqOdKXU5ahj1A>

The LatestCram is committed to ace the CT-AI exam preparation and success journey successfully in a short time period. To achieve this objective the LatestCram is offering Certified Tester AI Testing Exam (CT-AI) practice test questions with high-in-demand features. The main objective of LatestCram ISTQB CT-AI Practice Test questions features to assist the CT-AI exam candidates with quick and complete ISTQB CT-AI exam preparation.

These CT-AI exam questions braindumps are designed in a way that makes it very simple for the candidates. Each and every CT-AI topic is elaborated with examples clearly. Use LatestCram top rate ISTQB CT-AI Exam Testing Tool for making your success possible. CT-AI exam preparation is a hard subject. Plenty of concepts get mixed up together due to which student feel difficult to identify them. There is no similar misconception in CT-AI Dumps because we have made it more interactive for you. The candidates who are less skilled may feel difficult to understand the CT-AI questions can take help from these braindumps. The tough topics of CT-AI certification have been further made easy with examples, simulations and graphs. Candidates can avail the opportunity of demo of free CT-AI dumps.

>> **Reliable CT-AI Exam Tutorial** <<

Test ISTQB CT-AI Collection | Detailed CT-AI Answers

We are all ordinary human beings. Something what have learned not completely absorbed, so that wo often forget. When we need to use the knowledge we must learn again. When you see LatestCram's ISTQB CT-AI Exam Training materials, you understand that this is you have to be purchased. It allows you to pass the exam effortlessly. You should believe LatestCram will let you see your better future. Bright hard the hard as long as LatestCram still, always find hope. No matter how bitter and more difficult, with LatestCram you will still find the hope of light.

ISTQB Certified Tester AI Testing Exam Sample Questions (Q14-Q19):

NEW QUESTION # 14

Upon testing a model used to detect rotten tomatoes, the following data was observed by the test engineer, based on certain number of tomato images.

| Confusion Matrix | Actually Rotten | Actually Fresh |
|------------------|-----------------|----------------|
| Predicted Rotten | 45 | 8 |
| Predicted Fresh | 5 | 42 |

For this confusion matrix which combinations of values of accuracy, recall, and specificity respectively is CORRECT?
SELECT ONE OPTION

- A. 1,0.87,0.84
- B. 0.84,1,0.9
- C. 0.87,0.9, 0.84
- D. 1,0.9, 0.8

Answer: C

Explanation:

To calculate the accuracy, recall, and specificity from the confusion matrix provided, we use the following formulas:

* Confusion Matrix:

* Actually Rotten: 45 (True Positive), 8 (False Positive)

* Actually Fresh: 5 (False Negative), 42 (True Negative)

* Accuracy:

* Accuracy is the proportion of true results (both true positives and true negatives) in the total population.

* Formula: $\text{Accuracy} = \frac{TP + TN}{TP + TN + FP + FN}$

* Calculation: $\text{Accuracy} = \frac{45 + 42}{45 + 42 + 8 + 5} = \frac{87}{100} = 0.87$

* Recall (Sensitivity):

* Recall is the proportion of true positive results in the total actual positives.

* Formula: $\text{Recall} = \frac{TP}{TP + FN}$

* Calculation: $\text{Recall} = \frac{45}{45 + 5} = \frac{45}{50} = 0.9$

* Specificity:

* Specificity is the proportion of true negative results in the total actual negatives.

* Formula: $\text{Specificity} = \frac{TN}{TN + FP}$

* Calculation: $\text{Specificity} = \frac{42}{42 + 8} = \frac{42}{50} = 0.84$

Therefore, the correct combinations of accuracy, recall, and specificity are 0.87, 0.9, and 0.84 respectively.

References:

* ISTQB CT-AI Syllabus, Section 5.1, Confusion Matrix, provides detailed formulas and explanations for calculating various metrics including accuracy, recall, and specificity.

* "ML Functional Performance Metrics" (ISTQB CT-AI Syllabus, Section 5).

NEW QUESTION # 15

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

Answer: B

Explanation:

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 = 10
Thus: 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)

NEW QUESTION # 16

A team of software testers is attempting to create an AI algorithm to assist in software testing. This particular team has gone through over 40 iterations of testing and cannot afford to spend as much time as it takes to run the full regression test suite. They are hoping to have the algorithm reduce the amount of testing required, thus reducing the time needed for each testing cycle.

How can an AI-based tool be expected to assist in this reduction?

- A. By performing Bayesian analysis to estimate the types of human interactions that are expected to be seen in the system and then selecting those test cases
- B. By performing optimization of the data from past iterations to see where the most common defects occurred and select the corresponding test cases
- C. By using a clustering method to quantify the relationships between test cases and then assigning each test case to a category
- D. By using A/B testing to compare the last update with the newest change and compare metrics between the two

Answer: B

Explanation:

The syllabus mentions that AI can help optimize regression test suites:

"An AI-based tool can perform optimization of the regression test suite by analyzing... the information from previous test results, associated defects, and the latest changes that have been made, such as features which are broken more frequently and which tests exercise code impacted by recent changes." (Reference: ISTQB CT-AI Syllabus v1.0, Section 11.4, page 79 of 99)

NEW QUESTION # 17

A startup company has implemented a new facial recognition system for a banking application for mobile devices. The application is intended to learn at run-time on the device to determine if the user should be granted access. It also sends feedback over the Internet to the application developers. The application deployment resulted in continuous restarts of the mobile devices.

Which of the following is the most likely cause of the failure?

- A. The size of the application is consuming too much of the phone's storage capacity

- B. Mobile operating systems cannot process machine learning algorithms
- **C. The training, processing, and diagnostic generation are too computationally intensive for the mobile device hardware to handle**
- D. The feedback requires a physical connection and cannot be sent over the Internet

Answer: C

Explanation:

The syllabus highlights that on-device training and processing require considerable computational power, which may exceed the capabilities of some mobile devices:

"Self-learning and continuous learning systems require large amounts of computational power, which can impact system performance and stability if the hardware is not powerful enough." (Reference: ISTQB CT-AI Syllabus v1.0, Section 2.3, page 22 of 99)

NEW QUESTION # 18

Which of the following characteristics of AI-based systems make it more difficult to ensure they are safe?

- **A. Non-determinism**
- B. Sustainability
- C. Robustness
- D. Simplicity

Answer: A

Explanation:

The syllabus states that non-determinism is one of the key challenges for ensuring safety in AI-based systems:

"The characteristics of AI-based systems that make it more difficult to ensure they are safe... include:

complexity, non-determinism, probabilistic nature, self-learning, lack of transparency, interpretability and explainability, and lack of robustness." (Reference: ISTQB CT-AI Syllabus v1.0, Section 2.8, page 25 of 99)

NEW QUESTION # 19

.....

It is a matter of common sense that pass rate of a kind of CT-AI exam torrent is the only standard to testify whether it is effective and useful. I believe that you already have a general idea about the advantages of our CT-AI exam question, but now I would like to show you the greatest strength of our CT-AI Guide Torrent --the highest pass rate. According to the statistics, the pass rate among our customers who prepared the exam under the guidance of our CT-AI guide torrent has reached as high as 98% to 100% with only practicing our CT-AI exam torrent for 20 to 30 hours.

Test CT-AI Collection: <https://www.latestcram.com/CT-AI-exam-cram-questions.html>

ISTQB Reliable CT-AI Exam Tutorial Your use of this web site indicates that you accept these terms and conditions, ISTQB Reliable CT-AI Exam Tutorial Generally speaking, our company takes account of every client' difficulties with fitting solutions, Test CT-AI Collection is one of the most popular worldwide IT certifications to validate your skills and capability to perform role related tasks and activities at a specified level of competence.If you get certified,you will show your role-related knowledge and skills to your colleagues and employers, it is very helpful for your career, (CT-AI study materials) If you are a freshman, a good educational background and some useful qualifications certification will make you outstanding

In other words, it is mere gimmick with no real substance, Reliable CT-AI Exam Tutorial Java Card Memory Model, Your use of this web site indicates that you accept these terms and conditions.

Generally speaking, our company takes account of every client' difficulties **Reliable CT-AI Exam Tutorial** with fitting solutions, ISTQB AI Testing is one of the most popular worldwide IT certifications to validate your skills and capability to perform role related tasks and activities at a specified level of competence.If CT-AI you get certified,you will show your role-related knowledge and skills to your colleagues and employers, it is very helpful for your career.

Trustworthy Reliable CT-AI Exam Tutorial | Easy To Study and Pass Exam at first attempt & Well-Prepared ISTQB Certified Tester AI Testing Exam

(CT-AI study materials) If you are a freshman, a good educational background and some useful qualifications certification will make

you outstanding. It is known to us that preparing for the exam carefully and getting Reliable CT-AI Exam Tutorial the related certification are very important for all people to achieve their dreams in the near future.

- Test Certification CT-AI Cost □ Complete CT-AI Exam Dumps □ CT-AI Valid Test Topics □ ▶ www.prep4pass.com ◀ is best website to obtain “CT-AI” for free download □ CT-AI New Dumps Questions
- CT-AI Valid Test Topics □ CT-AI Test Engine □ CT-AI Visual Cert Exam □ 「 www.pdfvce.com 」 is best website to obtain □ CT-AI □ for free download □ Complete CT-AI Exam Dumps
- Free PDF Quiz CT-AI - Certified Tester AI Testing Exam Accurate Reliable Exam Tutorial □ Search for [CT-AI] and obtain a free download on ⇒ www.prep4sures.top ⇐ □ CT-AI Premium Files
- Pass Guaranteed Quiz Useful ISTQB - Reliable CT-AI Exam Tutorial □ Search for ▶ CT-AI ◀ and obtain a free download on 「 www.pdfvce.com 」 □ CT-AI Visual Cert Exam
- Free PDF Quiz CT-AI - Certified Tester AI Testing Exam Accurate Reliable Exam Tutorial □ Easily obtain ➡ CT-AI □ for free download through ➡ www.prep4sures.top □ □ □ □ CT-AI Visual Cert Exam
- CT-AI Valid Test Topics □ Complete CT-AI Exam Dumps □ CT-AI Training For Exam □ ➡ www.pdfvce.com □ □ □ is best website to obtain ✓ CT-AI □ ✓ □ for free download □ CT-AI Valid Test Topics
- Excellent ISTQB CT-AI Practice Material's 3 formats □ Enter 《 www.passcollection.com 》 and search for 《 CT-AI 》 to download for free □ CT-AI Premium Files
- 100% Pass Quiz 2025 ISTQB CT-AI: Reliable Reliable Certified Tester AI Testing Exam Exam Tutorial □ Search for □ CT-AI □ and download it for free immediately on ➡ www.pdfvce.com □ □ Complete CT-AI Exam Dumps
- Complete CT-AI Exam Dumps □ CT-AI Updated Testkings ▶ Test CT-AI Registration □ Search for ➡ CT-AI □ and download it for free immediately on ➡ www.examdisscuss.com □ □ CT-AI Certification Test Answers
- Pass Guaranteed Efficient CT-AI - Reliable Certified Tester AI Testing Exam Exam Tutorial □ Search for ✓ CT-AI □ ✓ □ on 《 www.pdfvce.com 》 immediately to obtain a free download □ CT-AI Valid Test Topics
- Pass Guaranteed Quiz Useful ISTQB - Reliable CT-AI Exam Tutorial □ Go to website “www.lead1pass.com” open and search for 《 CT-AI 》 to download for free □ CT-AI Valid Test Topics
- www.stes.tyc.edu.tw, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, pct.edu.pk, ncon.edu.sa, ncon.edu.sa, eventlearn.co.uk, Disposable vapes

P.S. Free 2025 ISTQB CT-AI dumps are available on Google Drive shared by LatestCram: <https://drive.google.com/open?id=1CZh8vsIkRD88PXz7Vf6LqOdKXU5ahj1A>