

Free PDF Quiz Oracle - 1Z0-184-25 Authoritative Test Dump



BONUS!!! Download part of UpdateDumps 1Z0-184-25 dumps for free: <https://drive.google.com/open?id=1xyNa5EL8wd0xQbvvsqnsydzVJz5-KHM6>

As for our 1Z0-184-25 exam braindump, our company masters the core technology, owns the independent intellectual property rights and strong market competitiveness. What is more, we have never satisfied our current accomplishments. Now, our company is specialized in design, development, manufacturing, marketing and retail of the 1Z0-184-25 test question, aimed to provide high quality product, solutions based on customer's needs and perfect service of the 1Z0-184-25 Exam braindump. At the same time, we have formed a group of passionate researchers and experts, which is our great motivation of improvement. Every once in a while we will release the new version study materials. You will enjoy our newest version of the 1Z0-184-25 study prep after you have purchased them. Our ability of improvement is stronger than others. New trial might change your life greatly.

Oracle 1Z0-184-25 Exam Syllabus Topics:

| Topic | Details |
|---------|--|
| Topic 1 | <ul style="list-style-type: none">• Performing Similarity Search: This section tests the skills of Machine Learning Engineers in conducting similarity searches to find relevant data points. It includes performing exact and approximate similarity searches using vector indexes. Candidates will also work with multi-vector similarity search to handle searches across multiple documents for improved retrieval accuracy. |
| Topic 2 | <ul style="list-style-type: none">• Using Vector Embeddings: This section measures the abilities of AI Developers in generating and storing vector embeddings for AI applications. It covers generating embeddings both inside and outside the Oracle database and effectively storing them within the database for efficient retrieval and processing. |
| Topic 3 | <ul style="list-style-type: none">• Building a RAG Application: This section assesses the knowledge of AI Solutions Architects in implementing retrieval-augmented generation (RAG) applications. Candidates will learn to build RAG applications using PL• SQL and Python to integrate AI models with retrieval techniques for enhanced AI-driven decision-making. |

| | |
|---------|--|
| Topic 4 | <ul style="list-style-type: none"> Understand Vector Fundamentals: This section of the exam measures the skills of Data Engineers in working with vector data types for storing embeddings and enabling semantic queries. It covers vector distance functions and metrics used in AI vector search. Candidates must demonstrate proficiency in performing DML and DDL operations on vectors to manage data efficiently. |
|---------|--|

>> Test 1Z0-184-25 Dump <<

1Z0-184-25 Exam Pattern & 1Z0-184-25 Reliable Practice Materials

If you want to choose passing Oracle certification 1Z0-184-25 exam to make yourself have a more stable position in today's competitive IT area and the professional ability become more powerful, you must have a strong expertise. And passing Oracle certification 1Z0-184-25 exam is not very simple. Perhaps passing Oracle Certification 1Z0-184-25 Exam is a stepping stone to promote yourself in the IT area, but it doesn't need to spend a lot of time and effort to review the relevant knowledge, you can choose to use our UpdateDumps product, a training tool prepared for the IT certification exams.

Oracle AI Vector Search Professional Sample Questions (Q59-Q64):

NEW QUESTION # 59

Which SQL function is used to create a vector embedding for a given text string in Oracle Database 23ai?

- A. EMBED_TEXT
- B. VECTOR_EMBEDDING
- C. CREATE_VECTOR_EMBEDDING
- D. GENERATE_EMBEDDING

Answer: B

Explanation:

The VECTOR_EMBEDDING function in Oracle Database 23ai generates a vector embedding from input data (e.g., a text string) using a specified model, such as an ONNX model loaded into the database. It's designed for in-database embedding creation, supporting vector search and AI applications. Options A, B, and C (GENERATE_EMBEDDING, CREATE_VECTOR_EMBEDDING, EMBED_TEXT) are not valid SQL functions in 23ai. VECTOR_EMBEDDING integrates seamlessly with the VECTOR data type and is documented as the standard method for embedding generation in SQL queries.

NEW QUESTION # 60

You need to generate a vector from the string '[1.2, 3.4]' in FLOAT32 format with 2 dimensions. Which function will you use?

- A. FROM_VECTOR
- B. VECTOR_DISTANCE
- C. TO_VECTOR
- D. VECTOR_SERIALIZE

Answer: C

Explanation:

In Oracle Database 23ai, the TO_VECTOR function (A) converts a string representation of a vector (e.g., '[1.2, 3.4]') into a VECTOR data type with specified format (e.g., FLOAT32) and dimensions (here, 2). It's designed for creating vectors from text input, matching the requirement. VECTOR_DISTANCE (B) calculates distances between vectors, not generates them. FROM_VECTOR (C) isn't a documented function; it might be confused with serialization or extraction, but it's not standard. VECTOR_SERIALIZE (D) converts a vector to a string, the opposite of what's needed. Oracle's SQL reference confirms TO_VECTOR for this purpose, parsing the string into a 2D FLOAT32 vector.

NEW QUESTION # 61

What is the default distance metric used by the VECTOR_DISTANCE function if none is specified?

- A. Euclidean
- B. Manhattan
- C. Hamming
- D. Cosine

Answer: D

Explanation:

The VECTOR_DISTANCE function in Oracle 23ai computes vector distances, and if no metric is specified (e.g., VECTOR_DISTANCE(v1, v2)), it defaults to Cosine (C). Cosine distance (1 - cosine similarity) is widely used for text embeddings due to its focus on angular separation, ignoring magnitude-fitting for normalized vectors from models like BERT. Euclidean (A) measures straight-line distance, not default. Hamming (B) is for binary vectors, rare in 23ai's FLOAT32 context. Manhattan (D) sums absolute differences, less common for embeddings. Oracle's choice of Cosine reflects its AI focus, as documentation confirms, aligning with industry norms for semantic similarity-vital for users assuming defaults in queries.

NEW QUESTION # 62

How is the security interaction between Autonomous Database and OCI Generative AI managed in the context of Select AI?

- A. By encrypting all communication between the Autonomous Database and OCI Generative AI using TLS/SSL protocols
- B. By utilizing Resource Principals, which grant the Autonomous Database instance access to OCI Generative AI without exposing sensitive credentials
- C. By requiring users to manually enter their OCI API keys each time they execute a natural language query
- D. By establishing a secure VPN tunnel between the Autonomous Database and OCI Generative AI service

Answer: B

Explanation:

In Oracle Database 23ai's Select AI, security between the Autonomous Database and OCI Generative AI is managed using Resource Principals (B). This mechanism allows the database instance to authenticate itself to OCI services without hardcoding credentials, enhancing security by avoiding exposure of sensitive keys. TLS/SSL encryption (A) is used for data-in-transit security, but it's a complementary layer, not the primary management method. A VPN tunnel (C) is unnecessary within OCI's secure infrastructure and not specified for Select AI. Manual API key entry (D) is impractical and insecure for automated database interactions. Oracle's documentation on Select AI highlights Resource Principals as the secure, scalable authentication method.

NEW QUESTION # 63

A database administrator wants to change the VECTOR_MEMORY_SIZE parameter for a pluggable database (PDB) in Oracle Database 23ai. Which SQL command is correct?

- A. ALTER SYSTEM SET VECTOR_MEMORY_SIZE=1G SCOPE=BOTH
- B. ALTER SYSTEM SET VECTOR_MEMORY_SIZE=1G SCOPE=SGA
- C. ALTER DATABASE SET VECTOR_MEMORY_SIZE=1G SCOPE=VECTOR
- D. ALTER SYSTEM RESET VECTOR_MEMORY_SIZE

Answer: A

Explanation:

VECTOR_MEMORY_SIZE in Oracle 23ai controls memory allocation for vector operations (e.g., indexing, search) in the SGA. For a PDB, ALTER SYSTEM adjusts parameters, and SCOPE=BOTH (A) applies the change immediately and persists it across restarts (modifying the SPFILE). Syntax: ALTER SYSTEM SET VECTOR_MEMORY_SIZE=1G SCOPE=BOTH sets it to 1 GB. Option B (ALTER DATABASE) is invalid for this parameter, and SCOPE=VECTOR isn't a valid scope. Option C (SCOPE=SGA) isn't a scope value; valid scopes are MEMORY, SPFILE, or BOTH. Option D (RESET) reverts to default, not sets a value. In a PDB, this must be executed in the PDB context, not CDB, and BOTH ensures durability-key for production environments where vector workloads demand consistent memory.

NEW QUESTION # 64

.....

There are a lot of students that bought UpdateDumps's Oracle 1Z0-184-25 dumps and are satisfied with our services because they

passed their 1Z0-184-25 on the very first try. We assure you that if you study with our provided Oracle AI Vector Search Professional (1Z0-184-25) practice questions, you can pass Oracle certifications Exam test in a single attempt, and if you fail to do it, you can claim your money back from us according to terms and conditions.

1Z0-184-25 Exam Pattern: <https://www.updatedumps.com/Oracle/1Z0-184-25-updated-exam-dumps.html>

- 1Z0-184-25 Test Assessment □ 1Z0-184-25 Latest Exam Notes □ 1Z0-184-25 Testking □ Open ➔ www.pass4test.com □□□ and search for ➔ 1Z0-184-25 □ to download exam materials for free □Exam Dumps 1Z0-184-25 Zip
- 1Z0-184-25 Study Guide - 1Z0-184-25 Test Dumps - 1Z0-184-25 Practice Test □ Simply search for ➔ 1Z0-184-25 □□□ for free download on 「 www.pdfvce.com 」 □ 1Z0-184-25 Valid Mock Test
- 100% Pass Quiz 2026 Oracle 1Z0-184-25: Authoritative Test Oracle AI Vector Search Professional Dump □ Open website 【 www.verifieddumps.com 】 and search for ➔ 1Z0-184-25 □ for free download □Valid 1Z0-184-25 Exam Format
- Don't Miss Up to 365 Days of Free Updates - Buy Oracle 1Z0-184-25 Questions Now □ Go to website ➔ www.pdfvce.com □ open and search for ➔ 1Z0-184-25 □ to download for free □Latest 1Z0-184-25 Exam Questions Vce
- Pass Guaranteed 1Z0-184-25 - Oracle AI Vector Search Professional Authoritative Test Dump □ Open □ www.troytecdumps.com □ enter 「 1Z0-184-25 」 and obtain a free download □Latest 1Z0-184-25 Exam Questions Vce
- Types of Pdfvce Oracle 1Z0-184-25 Practice Questions □ Download [1Z0-184-25] for free by simply entering □ www.pdfvce.com ↳ website □Exam Dumps 1Z0-184-25 Zip
- Valid 1Z0-184-25 Exam Format □ Valid 1Z0-184-25 Practice Questions □ Valid Test 1Z0-184-25 Test □ Copy URL ➤ www.prepawayete.com ↳ open and search for ➔ 1Z0-184-25 □ to download for free □1Z0-184-25 Latest Test Braindumps
- Latest Oracle 1Z0-184-25: Test Oracle AI Vector Search Professional Dump - Authoritative Pdfvce 1Z0-184-25 Exam Pattern □ Easily obtain free download of ➔ 1Z0-184-25 □ by searching on ➤ www.pdfvce.com ↳ □1Z0-184-25 Exam Actual Questions
- Latest Oracle 1Z0-184-25: Test Oracle AI Vector Search Professional Dump - Authoritative www.troytecdumps.com 1Z0-184-25 Exam Pattern □ The page for free download of { 1Z0-184-25 } on ➔ www.troytecdumps.com □ will open immediately □Test 1Z0-184-25 Assessment
- Valid 1Z0-184-25 Practice Questions □ New 1Z0-184-25 Exam Topics □ Valid Test 1Z0-184-25 Test □ Easily obtain { 1Z0-184-25 } for free download through ➔ www.pdfvce.com ↳ ↳ □ 1Z0-184-25 Valid Mock Test
- Don't Miss Up to 365 Days of Free Updates - Buy Oracle 1Z0-184-25 Questions Now □ Easily obtain free download of ➔ 1Z0-184-25 □□□ by searching on 「 www.dumpsmaterials.com 」 □ 1Z0-184-25 Latest Exam Notes
- www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, kopacskills.com, www.stes.tyc.edu.tw, 1.gdsfjd.net, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, Disposable vapes

P.S. Free 2025 Oracle 1Z0-184-25 dumps are available on Google Drive shared by UpdateDumps: <https://drive.google.com/open?id=1xyNa5EL8wd0xQbvvsqnsydzVJz5-KHM6>