

Valid 1Z0-184-25 Exam Papers, Valid 1Z0-184-25 Test Book

Exam 1Z0-184-25: Oracle AI Vector Search Professional

1. When generating vector embeddings outside the database, what is the most suitable option for storing the embeddings for later use?

1. in a CSV file
2. In a binary FVEC file with the relational data in a CSV file
3. In the database as BLOB (Binary Large Object) data
- 4. In a dedicated vector database**

2. When generating vector embeddings for a new dataset outside of Oracle Database 23ai, which factor is crucial to ensure meaningful similarity search results?

1. The choice of programming language used to process the dataset (for example, Python, Java)
2. The physical location where the vector embeddings are stored
3. The storage format of the new dataset (for example, CSV, JSON)
- 4. The same vector embedding model must be used for vectorizing the data and creating a query vector**

3. You are working with vector search in Oracle Database 23ai and need to ensure the integrity of your vector data during storage and retrieval. Which factor is crucial for maintaining the accuracy and reliability of your vector search results?

- 1. Using the same embedding model for both vector creation and similarity search**
2. Regularly updating vector embeddings to reflect changes in the source data
3. The specific distance algorithm employed for vector comparisons
4. The physical storage location of the vector data

4. Which DDL operation is NOT permitted on a table containing a VECTOR column in Oracle Database 23ai?

1. Creating a new table using CTAS CREATE TABLE AS SELECT that includes the VECTOR column from the original table
2. Dropping an existing VECTOR column from the table
- 3. Modifying the data type of an existing VECTOR column to a non-VECTOR type**
4. Adding a new VECTOR column to the table

2025 Latest Real4test 1Z0-184-25 PDF Dumps and 1Z0-184-25 Exam Engine Free Share: <https://drive.google.com/open?id=1Lfzz3TrNue1cy5EOYMQh-HL5K3MGZ2F>

Since it is obvious that different people have different preferences, we have prepared three kinds of different versions of our 1Z0-184-25 practice test, namely, PDF version, Online App version and software version. Last but not least, our customers can accumulate exam experience as well as improving their exam skills in the mock exam. There is no limitation on our software version of 1Z0-184-25 practice materials about how many computers our customers used to download it, but it can only be operated under the Windows operation system. I strongly believe that you can find the version you want in multiple choices of our 1Z0-184-25 practice test.

It requires a comprehensive understanding of the required skills and test topics. To help candidates pass the 1Z0-184-25 exam, Real4test has hired qualified experts to compile such Oracle 1Z0-184-25 Exam Dumps that will be essential for your successful preparation in a short time. Our experts have designed such Oracle AI Vector Search Professional (1Z0-184-25) practice test material that eliminates your chances of failing the Oracle AI Vector Search Professional (1Z0-184-25) exam.

>> Valid 1Z0-184-25 Exam Papers <<

Valid 1Z0-184-25 Test Book | Test 1Z0-184-25 Questions Pdf

AS the most popular 1Z0-184-25 learning braindumps in the market, our customers are all over the world. So the content of 1Z0-184-25 exam questions you see are very comprehensive, but it is by no means a simple display. In order to ensure your learning

efficiency, we have made scientific arrangements for the content of the 1Z0-184-25 Actual Exam. Our system is also built by professional and specialized staff and you will have a very good user experience.

Oracle AI Vector Search Professional Sample Questions (Q40-Q45):

NEW QUESTION # 40

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

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 # 41

Which function should you use to determine the storage format of a vector?

- A. VECTOR_CHUNKS
- B. VECTOR_NORM
- **C. VECTOR_DIMENSION_FORMAT**
- D. VECTOR_EMBEDDING

Answer: C

NEW QUESTION # 42

What is the advantage of using Euclidean Squared Distance rather than Euclidean Distance in similarity search queries?

- A. It is the default distance metric for Oracle AI Vector Search
- B. It guarantees higher accuracy than Euclidean Distance
- C. It supports hierarchical partitioning of vectors
- **D. It is simpler and faster because it avoids square-root calculations**

Answer: D

Explanation:

Euclidean Squared Distance (L2-squared) skips the square-root step of Euclidean Distance (L2), i.e., $\sum(x_i - y_i)^2$ vs. $\sqrt{\sum(x_i - y_i)^2}$. Since the square root is monotonic, ranking order remains identical, but avoiding it (C) reduces computational cost, making queries faster-critical for large-scale vector search. It's not the default metric (A); cosine is often default in Oracle 23ai. It doesn't relate to partitioning (B), an indexing feature. Accuracy (D) is equivalent, as rankings are preserved. Oracle's documentation notes L2-squared as an optimization for performance.

NEW QUESTION # 43

Which SQL statement correctly adds a VECTOR column named "v" with 4 dimensions and FLOAT32 format to an existing table named "my_table"?

- A. ALTER TABLE my_table MODIFY (v VECTOR(4, FLOAT32))

- B. ALTER TABLE my_table ADD v VECTOR(4, FLOAT32)
- C. **ALTER TABLE my_table ADD (v VECTOR(4, FLOAT32))**
- D. UPDATE my_table SET v = VECTOR(4, FLOAT32)

Answer: C

Explanation:

To add a new column to an existing table, Oracle uses the ALTER TABLE statement with the ADD clause. Option B, ALTER TABLE my_table ADD (v VECTOR(4, FLOAT32)), correctly specifies the column name "v", the VECTOR type, and its attributes (4 dimensions, FLOAT32 precision) within parentheses, aligning with Oracle's DDL syntax for VECTOR columns. Option A uses MODIFY, which alters existing columns, not adds new ones, making it incorrect here. Option C uses UPDATE, a DML statement for updating data, not a DDL operation for schema changes. Option D omits parentheses around the VECTOR specification, which is syntactically invalid as Oracle requires dimensions and format to be enclosed. The SQL Language Reference confirms this syntax for adding VECTOR columns.

NEW QUESTION # 44

If a query vector uses a different distance metric than the one used to create the index, what happens?

- A. A warning is logged, but the query executes
- B. An exact match search is triggered
- C. The index automatically updates
- D. **The query fails**

Answer: D

Explanation:

In Oracle Database 23ai, vector indexes (e.g., HNSW, IVF) are built with a specific distance metric (e.g., cosine, Euclidean) that defines how similarity is computed. If a query specifies a different metric (e.g., querying with Euclidean on a cosine-based index), the index cannot be used effectively, and the query fails (A) with an error, as the mismatch invalidates the index's structure. An exact match search (B) doesn't occur automatically; Oracle requires explicit control. The index doesn't update itself (C), and warnings (D) are not the default behavior—errors are raised instead. Oracle's documentation mandates metric consistency for index usage.

NEW QUESTION # 45

.....

Even though we have already passed many large and small examinations, we are still unconsciously nervous when we face examination papers. 1Z0-184-25 practice quiz provide you with the most realistic test environment, so that you can adapt in advance so that you can easily deal with formal exams. What we say is true, apart from the examination environment, also includes 1Z0-184-25 Exam Questions which will come up exactly in the real exam. And our 1Z0-184-25 study materials always contain the latest exam Q&A.

Valid 1Z0-184-25 Test Book: https://www.real4test.com/1Z0-184-25_real-exam.html

Oracle Valid 1Z0-184-25 Exam Papers Our study materials will help a lot of people to solve many problems if they buy our products, The content of our 1Z0-184-25 prep training is easy to understand that adapted to any level of candidates, You can see the demo of the 1Z0-184-25 APP here: Free 1Z0-184-25 APP, Oracle Valid 1Z0-184-25 Exam Papers Now on the Internet, a lot of online learning platform management is not standard, some web information may include some viruses, cause far-reaching influence to pay end users and adverse effect.

For courses in C++ Data Structures, After clicking the dialog launcher, 1Z0-184-25 you get access to far more choices, Our study materials will help a lot of people to solve many problems if they buy our products.

Valid 1Z0-184-25 Exam Papers Exam | Best Way to Pass Oracle 1Z0-184-25

The content of our 1Z0-184-25 prep training is easy to understand that adapted to any level of candidates, You can see the demo of the 1Z0-184-25 APP here: Free 1Z0-184-25 APP.

Now on the Internet, a lot of online learning platform management Valid 1Z0-184-25 Test Book is not standard, some web information may include some viruses, cause far-reaching influence to pay end users and adverse effect.

The third and last format is the desktop practice test software.

BONUS!!! Download part of Real4test 1Z0-184-25 dumps for free: <https://drive.google.com/open?id=1Lfz3TrNue1cy5EOYMQh-HL5K3MGZ2F>