Snowflake GES-C01

Snowflake SnowPro Specialty - Gen AI Certification Questions & Answers

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GES-C01

Snowflake Certified SnowPro Specialty - Gen AI

55 Questions Exam – 750 + Scaled Scoring from 0 - 1000 Cut Score – Duration of 85 minutes

Table of Contents:

Discover More about the GES-C01 Certification

Are you interested in passing the Snowflake GES-C01 exam? First discover, who benefits from the GES-C01 certification. The GES-C01 is suitable for a candidate if he wants to learn about Specialty. Passing the GES-C01 exam earns you the Snowflake Certified SnowPro Specialty - Gen AI title.

While preparing for the GES-C01 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The GES-C01 PDF contains some of the most valuable preparation tips and the details and instant access to useful **GES-C01 study materials just at one click.**

Snowflake GES-C01 SnowPro Specialty - Gen AI Certification Details:

Exam Name	Snowflake SnowPro Specialty - Gen AI
Exam Code	GES-C01
Exam Price	$225 USD
Duration	85 minutes
Number of Questions	55
Passing Score	750 + Scaled Scoring from 0 - 1000
Recommended Training / Books	**Snowflake Gen AI Training** **SnowPro Speciality: Gen AI Study Guide**
Schedule Exam	**PEARSON VUE**
Sample Questions	**Snowflake GES-C01 Sample Questions**
Recommended Practice	**Snowflake Certified SnowPro Specialty - Gen AI Practice Test**

GES-C01 Syllabus:

Section	Objectives
Snowflake for Gen AI Overview - 26%	
Define Snowflake's Gen AI principles, features, and best practices.	- Snowflake Cortex • LLMs • Cortex Search

Section	Objectives
	• Cortex Analyst • Cortex Fine-tuning • Cortex Agents (Public Preview) - Snowflake Copilot - Security, privacy, access, and control principles • Role-Based Access Control (RBAC) • Guardrails • Required privileges • Cortex LLM Functions - Control model access 1. CORTEX_MODELS _ALLOWLIST parameter - Different interfaces • Cortex LLM Playground (Public Preview) • SQL • REST API - Different ways of bringing your own models into Snowflake (for example, from Hugging Face) • Using Snowflake Model Registry (custom model) • Using Snowpark Container Services
Outline Gen AI capabilities in Snowflake.	- Cortex LLM functions (for example, task-specific, general) • Vector-embedding • Fine-tuning - Cortex Search • RAG use cases • Unstructured data use cases • REST APIs - Cortex Analyst • Semantic model generation - Stored in YAML files in a stage - Stored natively in semantic views (Public Preview) • Structured/text-to-SQL use cases • REST APIs - Cortex Agents (Public Preview) • REST APIs - Cross-region inference • CORTEX_ENABLED_ CROSS_REGION parameter

Section	Objectives
	• Considerations (for example, latency, availability)
Snowflake Gen AI & LLM Functions - 40%	
Apply Gen AI and LLM functions in Snowflake.	- Snowflake Cortex • General - COMPLETE - COMPLETE Structured Outputs • Task-specific functions - CLASSIFY_TEXT - EXTRACT_ANSWER - PARSE_DOCUMENT - SENTIMENT - SUMMARIZE - TRANSLATE - EMBED_TEXT_768 - EMBED_TEXT_1024 - Cortex Search - Cortex Analyst - Cortex Fine-tuning - Cortex Agents (Public Preview) - Vector functions • VECTOR_INNER_ PRODUCT • VECTOR_L1_DISTANCE • VECTOR_L2_DISTANCE • VECTOR_COSINE_ SIMILARITY - Helper functions • COUNT_TOKENS • TRY_COMPLETE • SPLIT_TEXT_ RECURSIVE_CHARACTER - Choosing a model • Considerations (e.g. capability, latency, and cost)
Perform data analysis given a use case.	- Use fully-managed LLMs, RAG, and text-to-SQL services • Unstructured data - CORTEX PARSE_DOCUMENT • Structured data • Cortex Analyst - Cortex Analyst Verified Query Repository (VQR) - Integration with Cortex Search - Suggested Questions - Custom_ instructions field

Section	Objectives
	- Performance considerations • Latency (for example, fine-tuning, model size)
Build chat interfaces to interact with data in Snowflake.	- Set up the Snowflake environment • Required privileges - Invoke Cortex functions within the application code (for example, Streamlit) - Chat conversations • Multi-turn architecture • Update parameters
Use Snowflake Cortex functions in data pipelines.	- Snowflake Cortex • SQL interface • Extracting data from text using COMPLETE - Transcripts • Data enrichment • Data augmentation • Data transformations
Run third-party models in Snowflake.	- Using Snowpark Container Services • Environment setup • Docker images • Specification files • Create compute pool • Create image repository - Using the Snowflake Model Registry • Logging the model • Calling the model
Snowflake Gen AI Governance - 22%	
Set up model access controls.	- Limits on which models can be used • Restrict access to specific models • CORTEX_MODELS_ ALLOWLIST parameter - Cortex LLM REST API - COMPLETE (SNOWFLAKE. CORTEX) - TRY_COMPLETE (SNOWFLAKE. CORTEX) - Cortex LLM Playground (Public Preview) - Data safety and security considerations • Is data leaving/going to LLMs? - REST API authentication methods

Section	Objectives
Set guardrails to filter out harmful or unsafe LLM responses.	- Cortex Guard • COMPLETE arguments - Methods to reduce model hallucinations and bias - Error conditions
Monitor and optimize Snowflake Cortex costs.	- Cortex Search • Different types of costs (virtual warehouse, EMBED_TEXT, Serving) - Cortex Analyst • Snowflake Service Consumption Table - Cortex LLM functions • Minimize tokens • Token cost implications - Tracking model usage and consumption • Usage quotas • CORTEX_FUNCTIONS_ USAGE_HISTORY view • CORTEX_FUNCTIONS_ QUERY_USAGE_HISTORY view
Use Snowflake AI observability tools.	- Snowflake AI observability (Public Preview) features • Evaluation metrics • Comparisons • Tracing • Logging • Event tables - Implementation methods • Trulens SDK
Snowflake Document AI - 12%	
Set up Document AI.	- Virtual warehouse, database, and schema considerations - Roles and privileges • USAGE • OPERATE • CREATE SNOWFLAKE.ML. DOCUMENT_ INTELLIGENCE • CREATE MODEL
Prepare documents for Document AI.	- Upload documents - Train the model - Requirements (for example, formats, size limits) - Question optimization best practices

Section	Objectives
Extract values from documents using Document AI.	- Conditions - <model_build_ name>!PREDICT query - Automation of data pipelines
Troubleshoot Document AI given a use case.	- Extracting query errors - GET_PRESIGNED_URL function - Requirements and privileges - Cost and best practices considerations

Broaden Your Knowledge with Snowflake GES-C01 Sample Questions:

Question: 1

A Gen AI Specialist needs to analyze the daily costs incurred for AI services in Snowflake. Which query will retrieve the credit consumption from Snowflake's metadata objects for data usage?

a) SELECT * FROM SNOWFLAKE.ACCOUNT_USAGE.QUERY_HISTORY WHERE SERVICE_TYPE='AI_SERVICES';
b) SELECT * FROM SNOWFLAKE.INFORMATION_SCHEMA.METERING_HISTORY WHERE SERVICE_TYPE='AI_SERVICES';
c) SELECT * FROM SNOWFLAKE.ACCOUNT_USAGE.METERING_HISTORY WHERE SERVICE_TYPE='AI_SERVICES';
d) SELECT * FROM SNOWFLAKE.ACCOUNT_USAGE.METERING_DAILY_HISTORY WHERE SERVICE_TYPE='AI_SERVICES';

Answer: d

Question: 2

Which Snowflake feature allows developers to integrate generative AI workloads directly with data stored in Snowflake without moving the data outside the platform?

a) Snowflake Data Exchange
b) Snowflake Cortex
c) Snowflake Marketplace
d) Snowflake Streams

Answer: b

Question: 3

A Gen AI Specialist is using Document AI to create a model. When creating a model build with a name unique to the specified schema, this error is returned:

Unable to create a build on the specified database and schema. Please check the documentation to learn more.

What would cause this error?

a) There is a model build with the same name in another schema in the database.
b) The CREATE SNOWFLAKE.ML.DOCUMENT_INTELLIGENCE privilege has not been granted to the role the Specialist is using.
c) The USAGE privilege on the database used to create the model build has not been granted to the role the Specialist is using.
d) The SNOWFLAKE.DOCUMENT_INTELLIGENCE_CREATOR database role has not been granted to the role the Specialist is using.

Answer: b

Question: 4

Which single Cortex capability is the core of enterprise-grade summarization workflows?

a) Summarize
b) Document AI ingestion
c) Guardrails
d) External Functions

Answer: a

Question: 5

Which parameter can be used by administrators to restrict access to specific LLMs within Snowflake?

a) NETWORK_POLICY
b) SAML_IDENTITY_PROVIDER
c) CORTEX_MODELS_ALLOWLIST
d) CORTEX_ENABLED_CROSS_REGION

Answer: c

Question: 6

Which governance principle ensures that all Cortex computations occur inside Snowflake rather than external systems?

a) Data Egress
b) Data Stays in Snowflake
c) Multi-cluster Warehouses
d) Zero-Copy Cloning

Answer: b

Question: 7

Which Cortex principle ensures organizations can safely experiment with AI without exposing users to harmful responses?

a) Prompt Tuning
b) Snowpark APIs
c) Guardrails and Filters
d) Zero-Copy Cloning

Answer: c

Question: 8

What is the primary role of memory in a multi-turn chat conversation using a Gen AI model in Snowflake Cortex Analyst?

a) To maintain context throughout multiple requests
b) To increase the speed of response generation
c) To securely store user credentials
d) To limit the number of tokens processed for each request

Answer: a

Question: 9

A financial services company is hesitant to move data outside its Snowflake account for AI analysis. Which Snowflake feature resolves this concern?

a) External Functions
b) Streams
c) Replication
d) In-database AI processing with Cortex

Answer: d

Question: 10

Which Snowflake Cortex LLM function should be used to generate an instructional lesson plan based on a prompt?

a) COMPLETE
b) EXTRACT_ANSWER
c) SUMMARIZE
d) TRANSLATE

Answer: a

Avail the Study Guide to Pass Snowflake GES-C01 SnowPro Specialty - Gen AI Exam:

- Find out about the GES-C01 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **GES-C01 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the GES-C01 training. Joining the Snowflake provided training for GES-C01 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **GES-C01 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. GES-C01 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

- Passing the GES-C01 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the GES-C01 Certification

VMExam.Com is here with all the necessary details regarding the GES-C01 exam. We provide authentic practice tests for the GES-C01 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the GES-C01 practice tests, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Snowflake Certified SnowPro Specialty - Gen AI.

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