Snowflake GES-C01

SNOWFLAKE SNOWPRO SPECIALTY - GEN AI CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

GES-C01

Snowflake Certified SnowPro Specialty - Gen AI
55 Questions Exam – 750 + Scaled Scoring from 0 - 1000 Cut Score – Duration of 85 minutes

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Know Your GES-C01 Certification Well:

The GES-C01 is best suitable for candidates who want to gain knowledge in the Snowflake Specialty. Before you start your GES-C01 preparation you may struggle to get all the crucial SnowPro Specialty - Gen AI materials like GES-C01 syllabus, sample questions, study guide.

But don't worry the GES-C01 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the GES-C01 syllabus?
- How many questions are there in the GES-C01 exam?
- Which Practice test would help me to pass the GES-C01 exam at the first attempt?

Passing the GES-C01 exam makes you Snowflake Certified SnowPro Specialty - Gen AI. Having the SnowPro Specialty - Gen AI certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

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 • 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

Section	Objectives
	- 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 • 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)

Section	Objectives
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 - 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

Section	Objectives
	• 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
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%	

Section	Objectives
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
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

Snowflake GES-C01 Sample Questions:

Question: 1

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: 2

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: 3

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: 4

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: 5

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: 6

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: 7

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: 8

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: 9

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: 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

Study Guide to Crack Snowflake SnowPro Specialty - Gen AI GES-C01 Exam:

- Getting details of the GES-C01 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the GES-C01 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Snowflake provided training for GES-C01 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the GES-C01 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on GES-C01 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for GES-C01 Certification

Make VMExam.com your best friend during your Snowflake SnowPro Specialty - Gen AI exam preparation. We provide authentic practice tests for the GES-C01 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual GES-C01 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the GES-C01 exam.

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