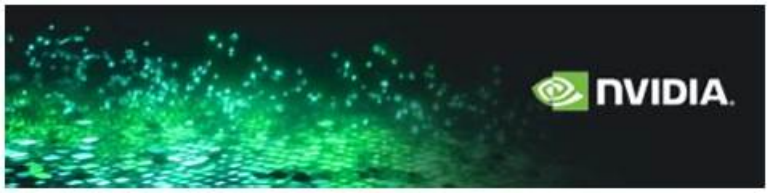
# NVIDIA NCA-GENL Lerntipps, NCA-GENL Pruefungssimulationen




Die Zuverlässigkeit basiert sich auf die hohe Qualität, deshalb ist unsere NVIDIA NCA-GENL vertrauenswürdig. Allein die mit einer Höhe von fast 100% Bestehensquote überzeugen Sie vielleicht nicht. Dann laden Sie bitte die kostenlose Demos der NVIDIA NCA-GENL herunter und probieren! Um verschiedene Gewohnheiten der Prüfungsteilnehmer anzupassen, bieten wir insgesamt 3 Versionen von NVIDIA NCA-GENL. Nach den Informationenen über die Ermäßigung u.a. können Sie auf unserer Webseite online erkundigen.

## NVIDIA NCA-GENL Prüfungsplan:

| Thema | Einzelheiten |
|---|---|
| Thema 1 | • Fundamentals of Machine Learning and Neural Networks: This section of the exam measures the skills of AI Researchers and covers the foundational principles behind machine learning and neural networks, focusing on how these concepts underpin the development of large language models (LLMs). It ensures the learner understands the basic structure and learning mechanisms involved in training generative AI systems. |
| Thema 2 | • Prompt Engineering: This section of the exam measures the skills of Prompt Designers and covers how to craft effective prompts that guide LLMs to produce desired outputs. It focuses on prompt strategies, formatting, and iterative refinement techniques used in both development and real-world applications of LLMs. |
| Thema 3 | • Alignment: This section of the exam measures the skills of AI Policy Engineers and covers techniques to align LLM outputs with human intentions and values. It includes safety mechanisms, ethical safeguards, and tuning strategies to reduce harmful, biased, or inaccurate results from models. |
| Thema 4 | • Software Development: This section of the exam measures the skills of Machine Learning Developers and covers writing efficient, modular, and scalable code for AI applications. It includes software engineering principles, version control, testing, and documentation practices relevant to LLM-based development. |
| Thema 5 | • Python Libraries for LLMs: This section of the exam measures skills of LLM Developers and covers using Python tools and frameworks like Hugging Face Transformers, LangChain, and PyTorch to build, fine-tune, and deploy large language models. It focuses on practical implementation and ecosystem familiarity. |
| Thema 6 | • Data Analysis and Visualization: This section of the exam measures the skills of Data Scientists and covers interpreting, cleaning, and presenting data through visual storytelling. It emphasizes how to use visualization to extract insights and evaluate model behavior, performance, or training data patterns. |

**>> NVIDIA NCA-GENL Lerntipps <<**

## NCA-GENL Prüfungsfragen Prüfungsvorbereitungen 2026: NVIDIA Generative AI LLMs - Zertifizierungsprüfung NVIDIA NCA-GENL in Deutsch Englisch pdf downloaden

Wenn Sie sich an der NVIDIA NCA-GENL Zertifizierungsprüfung beteiligen, wählen Sie doch Fast2test, was Erfolg bedeutet. Viel glück!

# NVIDIA Generative AI LLMs NCA-GENL Prüfungsfragen mit Lösungen (Q65-Q70):

**65. Frage**
In the field of AI experimentation, what is the GLUE benchmark used to evaluate performance of?

- A. AI models on speech recognition tasks.
- B. AI models on image recognition tasks.
- C. AI models on a range of natural language understanding tasks.
- D. AI models on reinforcement learning tasks.

**Antwort: C**

Begründung:
The General Language Understanding Evaluation (GLUE) benchmark is a widely used standard for evaluating AI models on a diverse set of natural language understanding (NLU) tasks, as covered in NVIDIA' s Generative AI and LLMs course. GLUE includes tasks like sentiment analysis, question answering, and textual entailment, designed to test a model's ability to understand and reason about language across multiple domains. It provides a standardized way to compare model performance on NLU. Option A is incorrect, as GLUE does not evaluate speech recognition. Option B is wrong, as it pertains to image recognition, unrelated to GLUE. Option D is inaccurate, as GLUE focuses on NLU, not reinforcement learning. The course states:
"The GLUE benchmark is used to evaluate AI models on a range of natural language understanding tasks, providing a comprehensive assessment of their language processing capabilities." References: NVIDIA Building Transformer-Based Natural Language Processing Applications course; NVIDIA Introduction to Transformer-Based Natural Language Processing.

**66. Frage**
What are some methods to overcome limited throughput between CPU and GPU? (Pick the 2 correct responses)

- A. Increase the clock speed of the CPU.
- B. Using techniques like memory pooling.
- C. Upgrade the GPU to a higher-end model.
- D. Increase the number of CPU cores.

**Antwort: B,C**

Begründung:
Limited throughput between CPU and GPU often results from data transfer bottlenecks or inefficient resource utilization. NVIDIA's documentation on optimizing deep learning workflows (e.g., using CUDA and cuDNN) suggests the following:
* Option B: Memory pooling techniques, such as pinned memory or unified memory, reduce data transfer overhead by optimizing how data is staged between CPU and GPU.
References:
NVIDIA CUDA Documentation: https://docs.nvidia.com/cuda/cuda-c-programming-guide/index.html NVIDIA GPU Product Documentation:https://www.nvidia.com/en-us/data-center/products/

**67. Frage**
In the context of language models, what does an autoregressive model predict?

- A. The next token solely using recurrent network or LSTM cells.
- B. The probability of the next token by looking at the previous and future input tokens.
- C. The probability of the next token in a text given the previous tokens.
- D. The probability of the next token using a Monte Carlo sampling of past tokens.

**Antwort: C**

Begründung:
Autoregressive models are a cornerstone of modern language modeling, particularly in large language models (LLMs) like those discussed in NVIDIA's Generative AI and LLMs course. These models predict the probability of the next token in a sequence based solely on the preceding tokens, making them inherently sequential and unidirectional. This process is often referred to as "next-token prediction," where the model learns to generate text by estimating the conditional probability distribution of the next token given the context of all previous tokens. For example, given the sequence "The cat is," the model predicts the likelihood of the next

word being "on," "in," or another token. This approach is fundamental to models like GPT, which rely on autoregressive decoding to generate coherent text. Unlike bidirectional models (e.g., BERT), which consider both previous and future tokens, autoregressive models focus only on past tokens, making option D incorrect. Options B and C are also inaccurate, as Monte Carlo sampling is not a standard method for next- token prediction in autoregressive models, and the prediction is not limited to recurrent networks or LSTM cells, as modern LLMs often use Transformer architectures. The course emphasizes this concept in the context of Transformer-based NLP: "Learn the basic concepts behind autoregressive generative models, including next-token prediction and its implementation within Transformer-based models." References: NVIDIA Building Transformer-Based Natural Language Processing Applications course; NVIDIA Introduction to Transformer-Based Natural Language Processing.

**68. Frage**
What are the main advantages of instructed large language models over traditional, small language models (< 300M parameters)? (Pick the 2 correct responses)

- A. Cheaper computational costs during inference.
- B. It is easier to explain the predictions.
- C. Trained without the need for labeled data.
- D. Smaller latency, higher throughput.
- E. Single generic model can do more than one task.

**Antwort: A,E**

Begründung:
Instructed large language models (LLMs), such as those supported by NVIDIA's NeMo framework, have significant advantages over smaller, traditional models:
* Option D: LLMs often have cheaper computational costs during inference for certain tasks because they can generalize across multiple tasks without requiring task-specific retraining, unlike smaller models that may need separate models per task.
References:
NVIDIA NeMo Documentation: https://docs.nvidia.com/deeplearning/nemo/user-guide/docs/en/stable/nlp /intro.html
Brown, T., et al. (2020). "Language Models are Few-Shot Learners."

**69. Frage**
What is the purpose of the NVIDIA NGC catalog?

- A. To provide a curated collection of GPU-optimized AI and data science software.
- B. To provide a marketplace for buying and selling software development tools and resources.
- C. To provide a platform for developers to collaborate and share software development projects.
- D. To provide a platform for testing and debugging software applications.

**Antwort: A**

Begründung:
The NVIDIA NGC catalog is a curated repository of GPU-optimized software for AI, machine learning, and data science, as highlighted in NVIDIA's Generative AI and LLMs course. It provides developers with pre- built containers, pre-trained models, and tools optimized for NVIDIA GPUs, enabling faster development and deployment of AI solutions, including LLMs. These resources are designed to streamline workflows and ensure compatibility with NVIDIA hardware. Option A is incorrect, as NGC is not primarily for testing or debugging but for providing optimized software. Option B is wrong, as it is not a collaboration platform like GitHub. Option C is inaccurate, as NGC is not a marketplace for buying and selling but a free resource hub.
The course notes: "The NVIDIA NGC catalog offers a curated collection of GPU-optimized AI and data science software, including containers and models, to accelerate development and deployment." References: NVIDIA Building Transformer-Based Natural Language Processing Applications course; NVIDIA NeMo Framework User Guide.

**70. Frage**
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Alle Menschen haben ihre eigenes Ziel, aber wir haben ein gleiches Ziel, dass Sie NVIDIA NCA-GENL Prüfung bestehen. Dieses Ziel zu erreichen ist vielleicht nur ein kleiner Schritt für Ihre Entwicklung im IT-Gebiet. Aber es ist der ganze Wert unserer NVIDIA

NCA-GENL Prüfungssoftware. Wir tun alles wir können, um die Prüfungsaufgaben zu erweitern. Und die Prüfungsunterlagen werden von unsere IT-Profis analysiert. Dadurch können Sie unbelastet und effizient benutzen. Um zu garantieren, dass die NVIDIA NCA-GENL Unterlagen, die Sie benutzen, am neuesten ist, bieten wir einjährige kostenlose Aktualisierung.

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