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Granite 3.2 2b instruct

## Models

ibm-granite/granite-3.2-2b-instruct

RichardErkhov/ibm-granite\_-\_granite-3.2-2b-instruct-8bits

ibm-research/granite-3.2-2b-instruct-GGUF

## Datasets

open-llm-leaderboard/ibm-granite\_\_granite-3.2-2b-instruct-det

→ See 1 dataset results for "Granite 3.2 2b instruct"

## Spaces

coreyqin/ibm-granite-granite-3.2-2b-instruct

coreyqin/ibm-granite-granite-3.2-2b-instruct-test

coreyqin/ibm-granite-granite-3.2-2b-instruct-3

Use Full-text search

Spaces

ed 4 days ago • 5.84k • 825

with DeepSeek

.5B

ated about 22 hours ago • 994 • 393

yi-DeepResearch-30B-A3B

1B • Updated 2 days ago • 2.95k • 387

80B-A3B-Instruct

1B • Updated 2 days ago • 458k • 670

```
import gradio as gr
import torch
from transformers import AutoTokenizer, AutoModelForCausalLM

# Load model and tokenizer
model_name = "ibm-granite/granite-3.2-2b-instruct"
tokenizer = AutoTokenizer.from_pretrained(model_name)
model = AutoModelForCausalLM.from_pretrained(
    model_name,
    torch_dtype=torch.float16 if torch.cuda.is_available() else torch.float32,
    device_map="auto" if torch.cuda.is_available() else None
)

if tokenizer.pad_token is None:
    tokenizer.pad_token = tokenizer.eos_token

def generate_response(prompt, max_length=512):
    inputs = tokenizer(prompt, return_tensors="pt", truncation=True, max_length=512)

    if torch.cuda.is_available():
        inputs = {k: v.to(model.device) for k, v in inputs.items()}

    with torch.no_grad():
        outputs = model.generate(
            **inputs,
            max_length=max_length,
            temperature=0.7,
            do_sample=True,
            pad_token_id=tokenizer.eos_token_id
        )

    response = tokenizer.decode(outputs[0], skip_special_tokens=True)
    response = response.replace(prompt, "").strip()
    return response
```

15:11



1 device



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4G



76



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Share



Gemini



Commands + Code + Text Run all

RAM

Disk



```
with gr.TabItem("Concept Explanation"):
    concept_input = gr.Textbox(label="Enter a concept", placeholder="e.g., machine learning")
    explain_btn = gr.Button("Explain")
    explanation_output = gr.Textbox(label="Explanation", lines=10)

    explain_btn.click(concept_explanation, inputs=concept_input, outputs=explanation_output)

with gr.TabItem("Quiz Generator"):
    quiz_input = gr.Textbox(label="Enter a topic", placeholder="e.g., physics")
    quiz_btn = gr.Button("Generate Quiz")
    quiz_output = gr.Textbox(label="Quiz Questions", lines=15)

    quiz_btn.click(quiz_generator, inputs=quiz_input, outputs=quiz_output)

app.launch(share=True)
```

special tokens map.json: 100% 73M/73M [00:00&lt;00:00, 64.2MB/s]

config.json: 100% 786/786 [00:00&lt;00:00, 87.8MB/s]

**`torch\_dtype` is deprecated! Use `dtype`**

model.safetensors.index.json: 78.5M/? [00:00&lt;00:00, 2.72MB/s]

Fetching 2 files: 100% 2/2 [00:00&lt;00:00, 80.57B/s]

model-00000-of-00002.safetensors: 100% 5.00G/5.00G [01:20&lt;00:00, 27.2MB/s]

model-00002-of-00002.safetensors: 100% 67.1M/67.1M [00:01&lt;00:00, 73.6MB/s]

Loading checkpoint shards: 100% 2/2 [00:04&lt;00:00, 7.97s/it]

generation config.json: 100% 131/131 [00:00&lt;00:00, 15.2MB/s]

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\* Running on public URL: <https://e3bf9d0>

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## Educational AI Assistant

Concept Explanation

Quiz Generator

Enter a concept

e.g., machine learning

Explain

Explanation

Colab paid products - Cancel contracts here

Variables

Terminal



3:10 PM

T4 (Python 3)

15:04



1 device

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README



Edu-tutor-AI-NM2025TMID01112

to view the app <https://huggingface.co/spaces/Yuvachu/EduTutorAI>

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