



Code Generation with Langchain

Enter your query:

Write Python code to load the LLM model using Ollama with 'llama3' and generate an inspirational qu



Get generated code

✓ Here is your generated code!

```
from transformers import AutoModelForSequenceClassification,
AutoTokenizer
# Load the Ollama model and tokenizer
model_name = "ollama/llama3"
model =
AutoModelForSequenceClassification.from_pretrained(model_name)
tokenizer = AutoTokenizer.from_pretrained(model_name)
def generate_quote(prompt):
    # Generate a quote using the LLM
    inputs = tokenizer(prompt, return_tensors="pt")
    output = model(**inputs)
    # Extract the most likely quote from the output
    probability = torch.max(output.logits, dim=1)[0]
    confidence_threshold = 0.5
    if probability > confidence_threshold:
        generated_quote = tokenizer.decode(inputs.input_ids[0],
```

```
skip_special_tokens=True), max_length=100)
    else:
        generated_quote = "Sorry, I couldn't generate a quote."
    return generated_quote
# Generate an inspirational quote
prompt = "Write an inspirational quote about overcoming adversity."
generated_quote = generate_quote(prompt)
print(f"\n{generated_quote}\n")
```

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Built with ❤️ using HP AI Studio.