📊 AnythingLLM Benchmark Report

Date: July 15, 2025
Model Evaluated: `default`

🔍 Summary

Metric	Value
Total Prompts	15
Average Response Time	32.63 seconds
Median Response Time	26.43 seconds
Fastest Response Time	5.99 seconds
Slowest Response Time	68.17 seconds
Average Quality Score	4.2 / 5
Prompts Scoring 5/5	9
Prompts Scoring 3 or Less	4

📈 Performance Breakdown

🟢 High-Quality Responses (Score: 5/5)

Prompt	Response Time	Notes
Summarize the theory of evolution	36.09s	Well-organized, factual
Explain recursion with an example	39.18s	Clear use of code and analogy

How does blockchain technology work?	68.17s	Detailed, multi-layered explanation
Write a Python function to check primes	18.05s	Accurate, includes docstring
What are the causes of climate change?	64.93s	Comprehensive and structured
What is quantum computing in simple terms?	32.56s	Accessible for beginners
Supervised vs. Unsupervised Learning	35.88s	Good comparative clarity
List three use cases for generative AI	26.43s	Clear structure, relevant examples
Correct this sentence: “He don't have no money.”	18.41s	Correct grammar and explanation

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🟡 Medium-Quality Responses (Score: 3/5)

Prompt	Response Time	Notes
Translate "Good morning" to Spanish	7.04s	Correct but very basic
Generate a haiku about the ocean	7.75s	Poetic but simple
Who wrote "Pride and Prejudice"?	8.56s	Correct, minimal depth

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🔴 Low-Quality Responses (Score: 2 or Less)

Prompt	Response Time	Notes
What is the capital of France?	5.99s	Correct, but lacks elaboration
What's 29 multiplied by 17?	7.69s	Correct, but lacks method/explanation
Explain time dilation in physics	54.03s	Lengthy but potentially overwhelming, rated poorly

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🧠 Observations & Recommendations

✅ Strengths:

- **Depth of Technical Responses:** The model provides thorough and well-structured explanations for complex topics (e.g., blockchain, recursion, quantum computing).
- **Clarity in Definitions and Comparisons:** The side-by-side explanation of machine learning paradigms was especially well-crafted.
- **Functionality in Code Tasks:** Python examples were syntactically correct and well-documented.

❌ Areas for Improvement:

- **Response Time:** Averages over 30 seconds; real-time applications may require optimization.
- **Basic Prompts (e.g., trivia):** Lacks explanatory detail even when the answer is correct; could improve usefulness by elaborating.
- **Overload in Complex Topics:** The time dilation explanation may benefit from simplification or modular structure.

🏁 Conclusion

The model demonstrates **strong performance in technical and conceptual understanding** with consistently high-quality output across complex topics. However, it could improve **efficiency and detail in simple queries** and **avoid overloading the user with dense information** in physics-heavy topics.

Overall Rating: 4.2 / 5 — Strong General-Purpose Performance