How bad are LLMs with data?

Example: len()

Make an array of random numbers, of length n

values = np.random.rand(n).tolist()

client = chatlas.ChatOpenAI(model="gpt-4.1")

client.chat("How long is this array?", json.dumps(values))

n=10, LLM says: 10

• n=100, LLM says: 100 🔽

• n=1000, LLM says: 1000 🔽

n=10,000, LLM says: 1000 X

n=103, LLM says: 100 X

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