



ChatGPT



Since we do not have the exact conversion factor, let's denote it as c . The formula to find the termination iteration I is:

$$I = \frac{100 \text{ GPU units}}{13.2 \text{ GB} \times c \text{ units/GB}}$$

Let's assume a hypothetical value for c (for example, 0.5 units/GB). You can adjust this value based on your actual experience or more precise data.

For $C = 0.5$ units/GB:

$$I = \frac{100 \text{ GPU units}}{13.2 \text{ GB} \times 0.5 \text{ units/GB}} \quad I = \frac{100}{6.6} \quad I \approx 15.15$$

Therefore, the notebook would terminate after approximately 15 iterations under this assumption.

If you have more specific information about the conversion factor or how Colab accounts for GPU usage, you can replace c with that value to get a more accurate result.



ok for 7.2 g



To determine the iteration at which a Colab notebook will terminate with a GPU usage of 7.2 GB per iteration and a limit of 100 GPU units, we will follow a similar approach as before.

Given:

- GPU usage per iteration: 7.2 GB
- Total GPU units available: 100 units
- Conversion factor: C units/GB (this needs to be determined based on Colab's internal accounting, but let's assume a hypothetical value for this example)



Assume a hypothetical conversion factor C of 0.5 units/GB (you can adjust this based on

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