

Lung Cancer Prediction Summary

Here's the structured text version of your console output from the image:

✓ Lung Cancer Prediction CNN Execution Log

Dataset Info:

- Found **878 images** belonging to **3 classes**.
- Found **219 images** belonging to **3 classes**.

✓ Environment & Initialization:

- TensorFlow binary optimized with oneAPI Deep Neural Network Library (oneDNN).
- CUDA and cuDNN loaded:
 - cuDNN version: **8100**
 - GPU Memory available: **5415 MB**
- Error: `ptxas.exe` not found (multiple attempts failed but training continued).

✓ Training Progress (10 Epochs):

Epoch	Train Loss	Train Accuracy	Val Loss	Val Accuracy	Best Val Accuracy Status
1/10	1.0768	0.4829	0.9961	0.5479	Saved as best model
2/10	1.0481	0.4941	0.9892	0.5114	No improvement
3/10	0.9320	0.5925	0.9443	0.5023	No improvement
4/10	0.9230	0.6041	0.9390	0.5708	Saved as best model
5/10	0.8069	0.6224	0.9522	0.5068	No improvement
6/10	0.8528	0.6321	0.9484	0.5342	No improvement
7/10	0.8259	0.6321	0.9357	0.6048	Saved as best model
8/10	0.8259	0.6321	0.9357	0.6048	No improvement
9/10	0.7885	0.6850	0.9082	0.6207	No improvement
10/10	1.0453	0.4809	0.8932	0.6119	No improvement

✓ Final Accuracy:

- **0.611872136592865**

✓ Prediction Output:

- **Predicted Class:** Normal cases
- **Interpretation:** Non-Cancer

Let me know if you'd like me to format this into a report or markdown file!

ChatGPT can make mistakes. Check important info.