

DLOps Lab Assignment - 8

Weights and Biases Report

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B20AI052

- Visual result analysis on the “weights & biases” which shows the prediction for different images.









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runs.summary["predictions_table"]

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🔽	image	pred	target	score_0	score_1	score_2	score_3	score_4
1		2	2	0.2023	0.07442	0.2023	0.07442	0.07442
2		0	0	0.232	0.08534	0.08534	0.08534	0.08534
3		2	8	0.07485	0.07485	0.203	0.07485	0.07553
4		6	6	0.06689	0.06689	0.18	0.06689	0.17
5		2	2	0.09934	0.0743	0.202	0.0743	0.1786
6		2	2	0.08534	0.08534	0.232	0.08534	0.08534
7		0	0	0.232	0.08534	0.08534	0.08534	0.08534
8		4	4	0.08534	0.08534	0.08534	0.08534	0.232

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Export as CSV

Columns...

Reset Table

Add panel

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Run set 6

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ayushabrol13 / B20AI052_Lab_Assignment_8

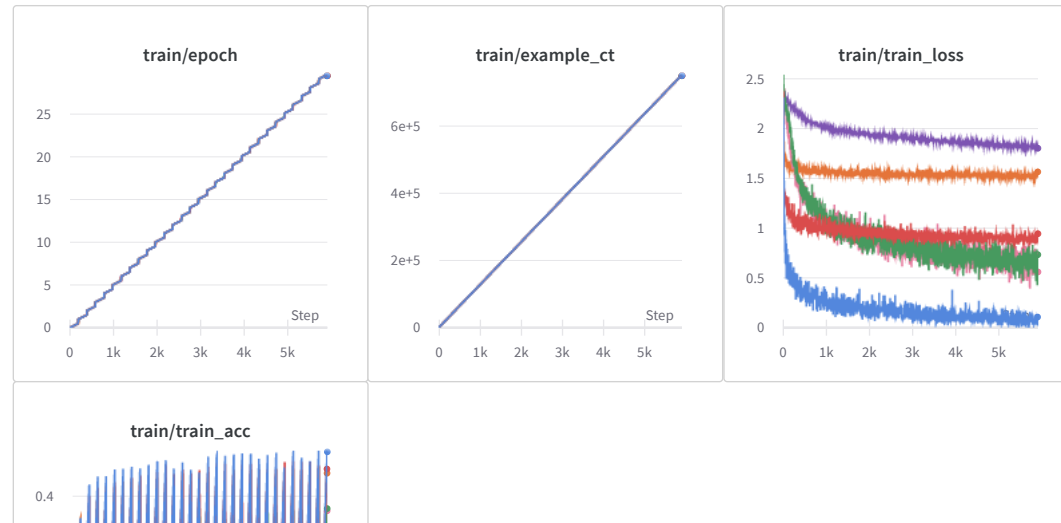
Filter
Group
Sort
Tag

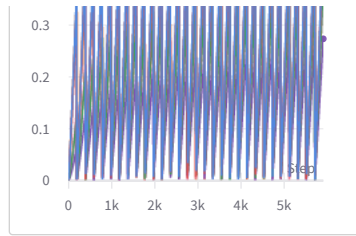
<input type="checkbox"/> Name (6 visualized)	State	Notes	User	Tags	Created ▾	Runtime	Sweet
ResNet18_Sigm...	finished	Add notes	ayusha		4h ago	8m 26s	-
ResNet18_Relu_...	finished	Add notes	ayusha		4h ago	8m 39s	-
ResNet18_Sigm...	finished	Add notes	ayusha		4h ago	8m 27s	-
ResNet18_Relu_...	finished	Add notes	ayusha		4h ago	8m 37s	-
ResNet18_Tanh...	finished	Add notes	ayusha		4h ago	8m 22s	-
ResNet18_Relu_...	finished	Add notes	ayusha		4h ago	8m 44s	-

1-6 ▾ of 6

Comparison of the performance of the hyperparameter tuning using plots using the “weights & biases” tool for all the 6 different models.

Training



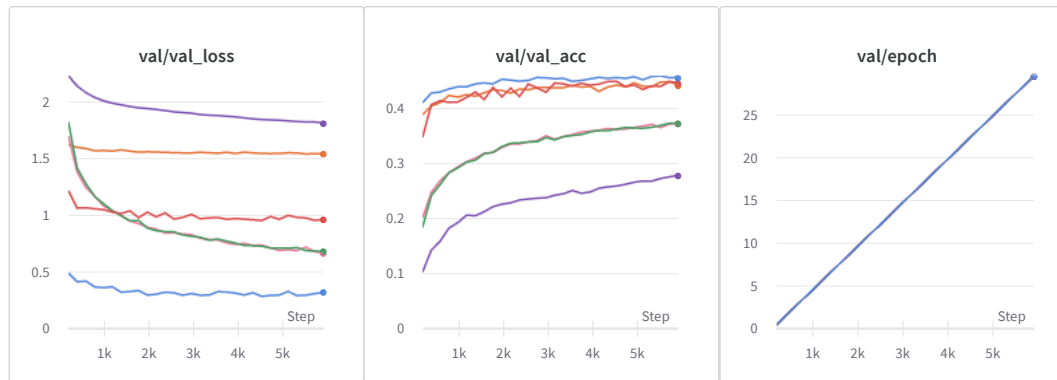


Import panel

Add panel



Testing

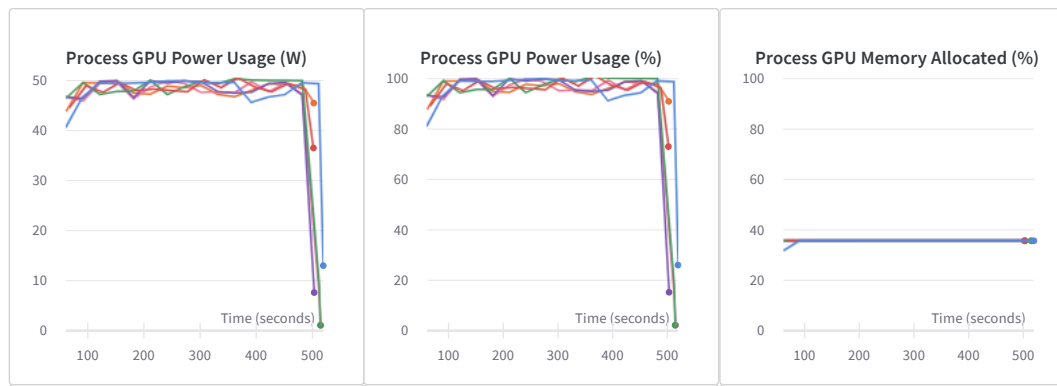


Import panel

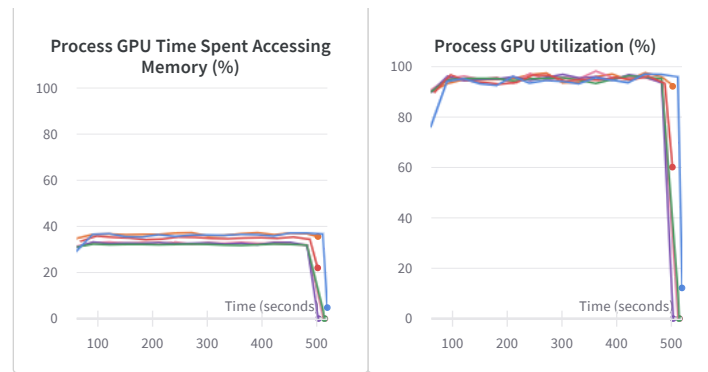
Add panel



Observations about GPU (like GPU utilization, temperature etc).







Import panel

Add panel

