Table 1: The five best runs according to accuracy.

	Run Number	Accuracy (in %)	GPU (in kWh)	Number of Parameters	Energy Quotient
1	*run#*	*0*	*11.19*	*acc*	*gpu*
2.	*run#*	*0*	*11.19*	*acc*	*gpu*
3.	*run#*	*0*	*11.19*	*acc*	*gpu*
4.	*run#*	*0*	*11.19*	*acc*	*gpu*
5.	*run#*	*0*	*11.19*	*acc*	*gpu*

Table 2: The five best runs according to GPU.

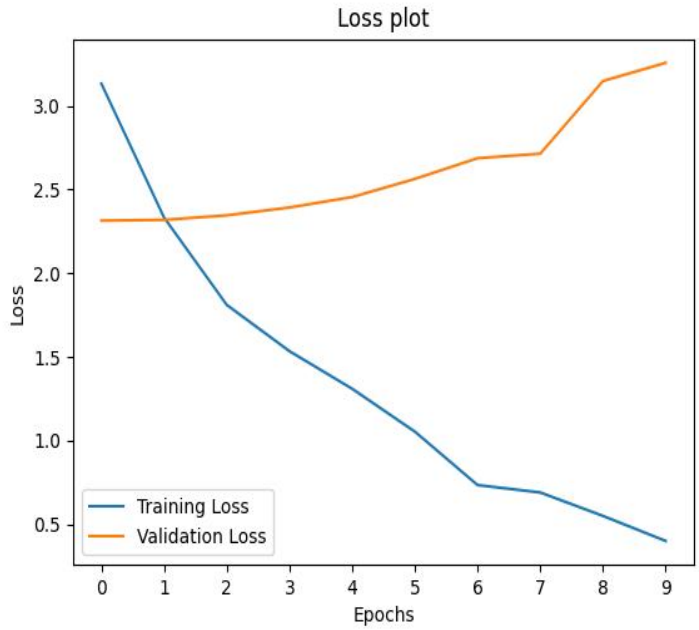
	Run Number	GPU (in kWh)	Accuracy (in %)	Number of Parameters	Energy Quotient
1	*run#*	*11.19*	*0*	*acc*	*gpu*
2.	*run#*	*11.19*	*0*	*acc*	*gpu*
3.	*run#*	*11.19*	*0*	*acc*	*gpu*
4.	*run#*	*11.19*	*0*	*acc*	*gpu*
5.	*run#*	*11.19*	*0*	*acc*	*gpu*

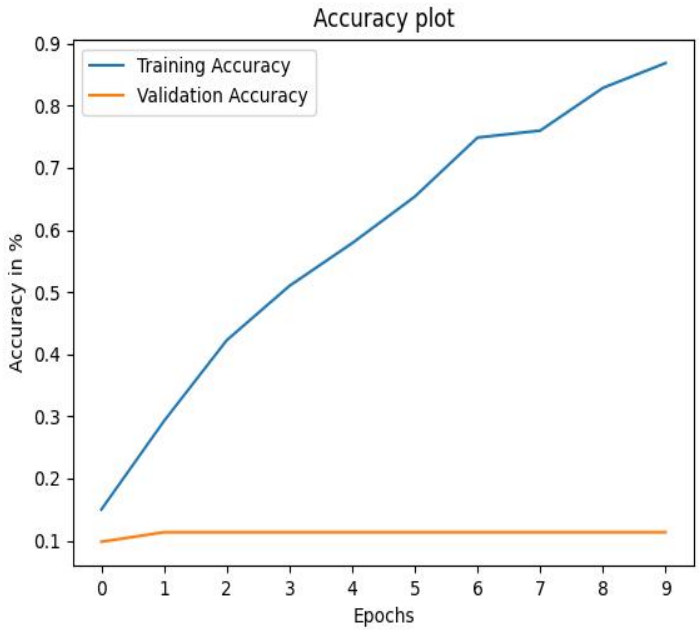
Table 3: Parameter values for the winning run in accuracy.

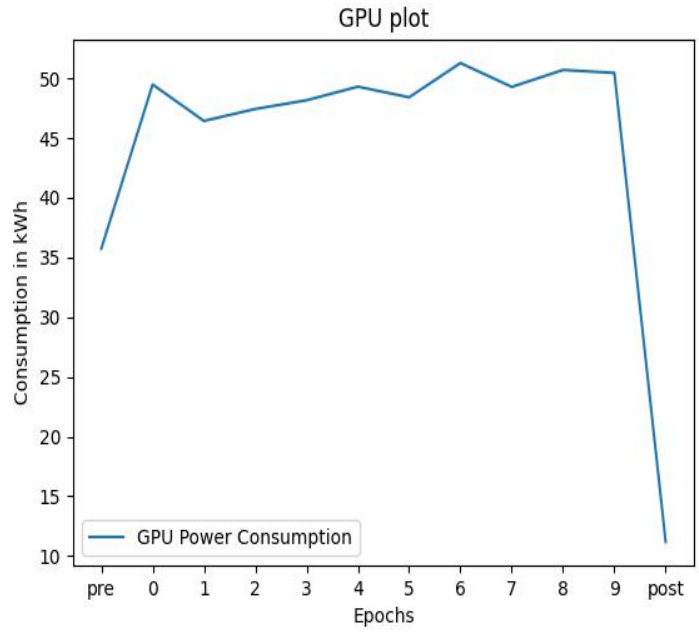
Parameter	Value
model	resnet50
preprocessing	minmax
augmentation	random
precision	global_policy_float16
batch_size	64
partitioning	90-5-5
lr	0.00015
lr_schedule	constant
optimizer_momentum	0.0
optimizer	Adam
weight_decay	0.01
quantization	post_weights_and_activations
internal_optimizations	None

Table 3: Parameter values for the winning run in GPU.

Parameter	Value
model	resnet50
preprocessing	minmax
augmentation	random
precision	global_policy_float16
batch_size	64
partitioning	90-5-5
lr	0.00015
lr_schedule	constant
optimizer_momentum	0.0
optimizer	Adam
weight_decay	0.01
quantization	post_weights_and_activations
internal_optimizations	None




Accuracy plot
Training Accuracy
Validation Accuracy
Accuracy in %
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1
2
3
4
5
6
7
8
9
Epochs


GPU plot
GPU Power Consumption
Consumption in kWh
50
45
40
35
30
25
20
15
10
pre
0
1
2
3
4
5
6
7
8
9
post
Epochs