

Initial Results:

Accuracy was 95% initially.



Initial Learning Rate Parameter:

I changed this parameter to be $1e-4$ and $2e-3$.

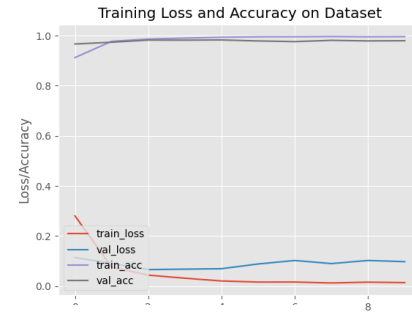
Results for $1e-4$:

Accuracy was reduced to 91% and in the initial runs, loss was much higher.



Results for $2e-3$:

Accuracy was reduced to 94% but loss was slightly lower initially.



Batch Size Parameter:

I changed the value to be 128 and 32.

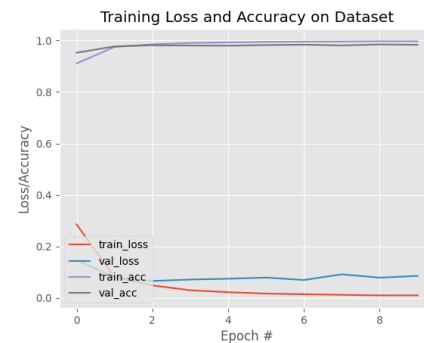
Results for 128:

Accuracy was at 95% with an initial higher loss.



Results for 32:

Accuracy was at 95% with lower loss.

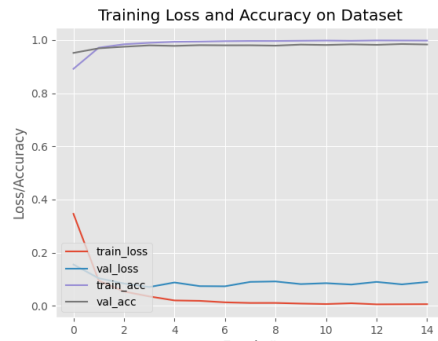


Epochs Parameter:

I changed the value to be 15 and 5.

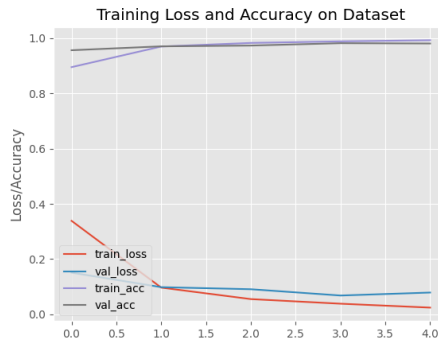
Results for 15:

Accuracy was 95% and loss continued to decrease



Results for 5:

Accuracy decreased to 94% and loss decreased slower.



Train Split Parameter:

I changed the value to be 0.5 and 0.25

Results for 0.5:

Accuracy decreased to 94% and loss initially was higher.



Results for 0.25:

Accuracy decreased to 92% and loss was way higher.

