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Malaria Detection with LeNet: Model Performance and Evaluation

This report documents the successful implementation and evaluation of a Convolutional Neural Network (CNN) using the LeNet architecture for malaria detection. Key performance metrics, including accuracy, precision and recall are displayed along with plots of the training and validation loss, accuracy, and confusion matrix. The report includes insights on model performance, along with potential areas for further improvement, to enhance diagnostic accuracy for malaria detection.

Prakyath Shetty

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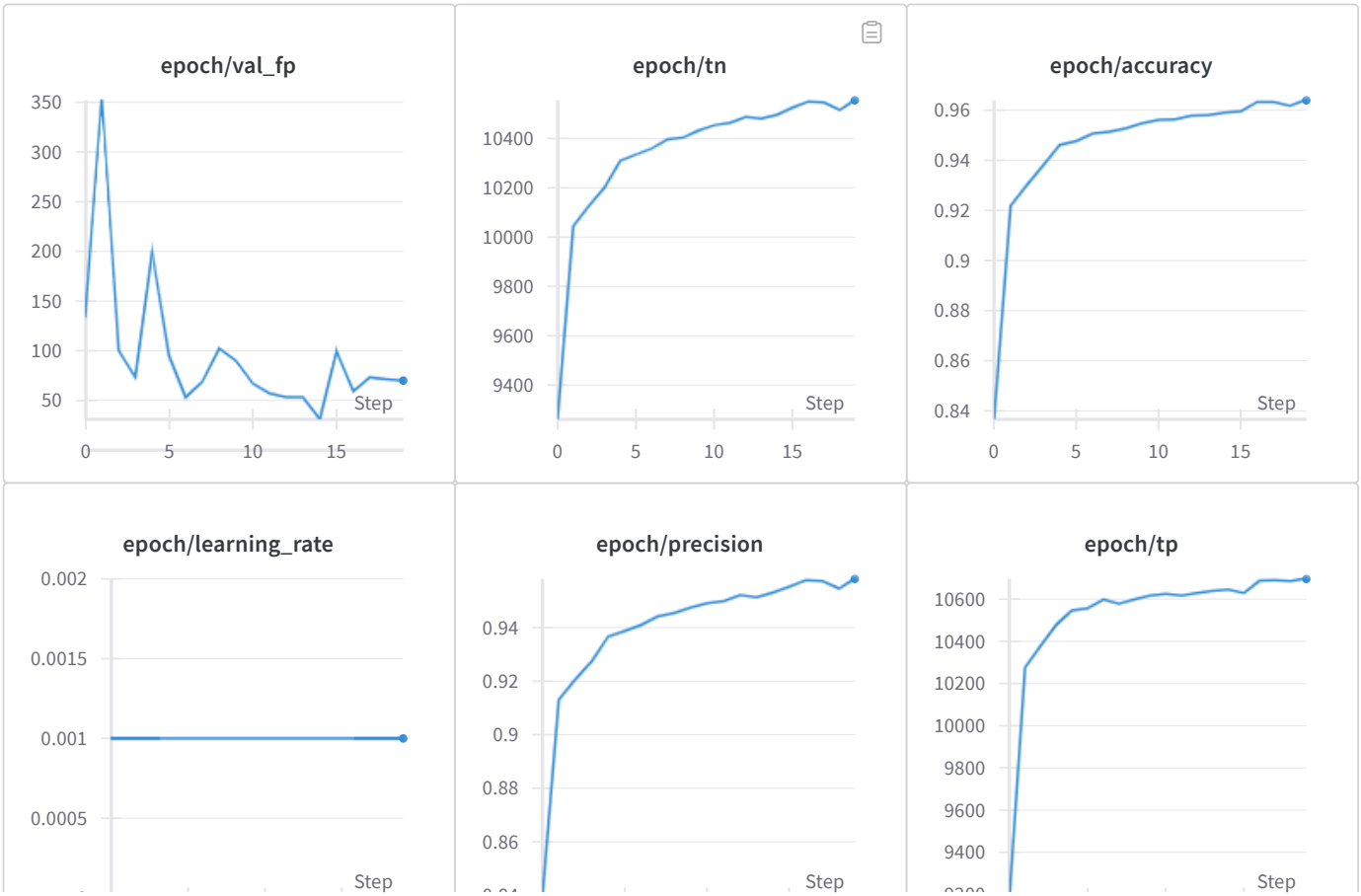
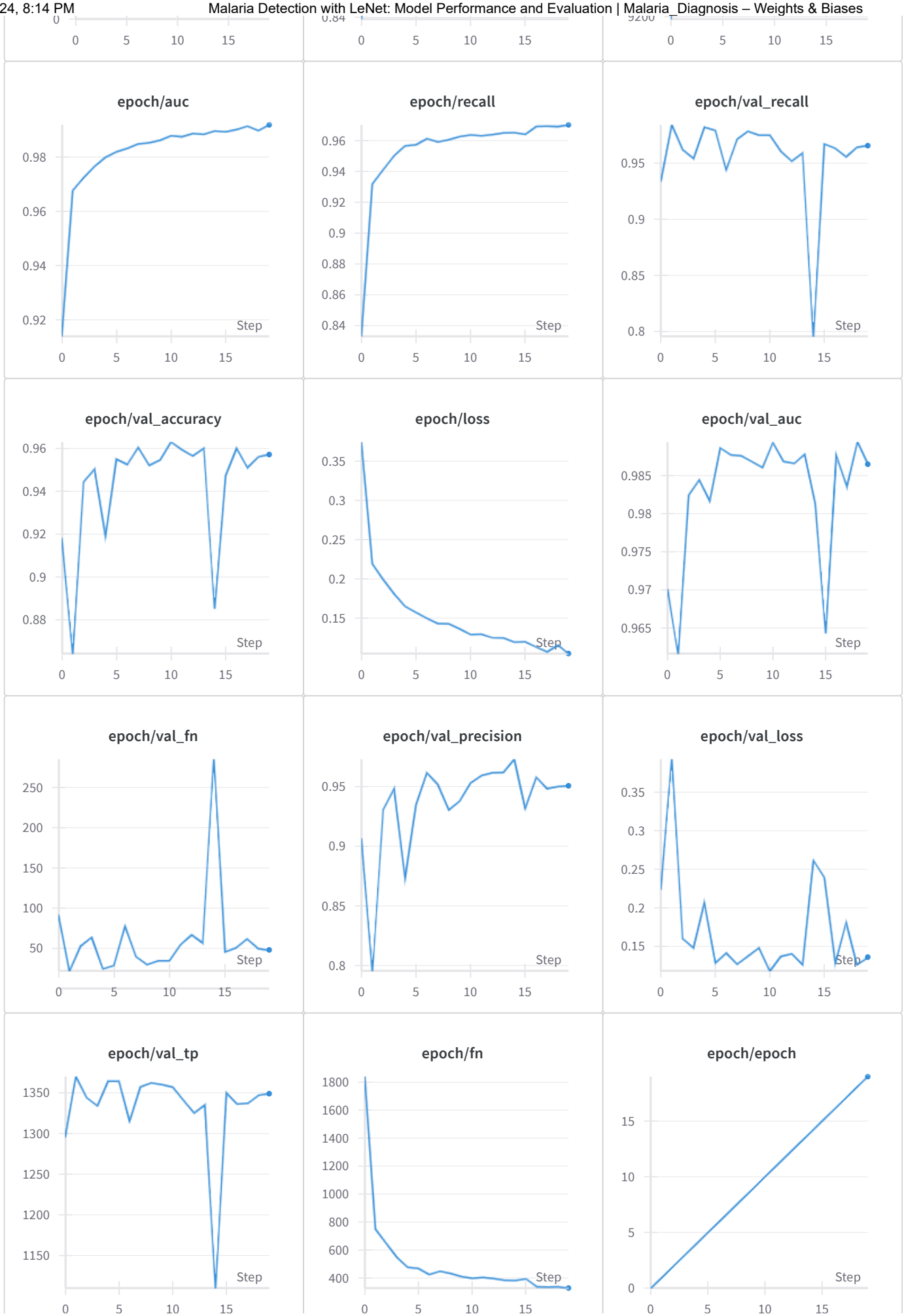
Metrics

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epoch/val_accuracy
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epoch/fn
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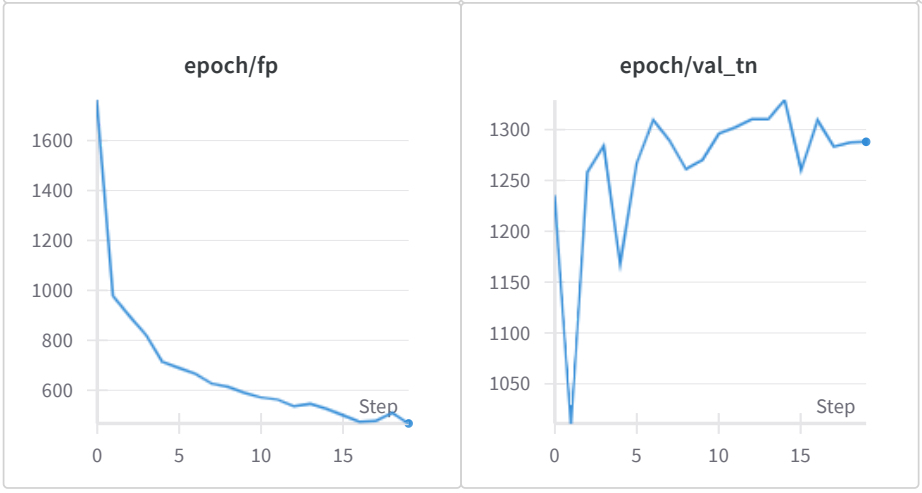

Created with ❤️ on Weights & Biases.

https://wandb.ai/PrakyathDl/Malaria_Diagnosis/reports/Malaria-Detection-with-LeNet-Model-Performance-and-Evaluation--Vmlldzo5OTU0MzAz