



Fire



Smoke



Neutral

Data Collection and Labeling

MODEL TRAINING AND PERFORMANCE

Iteration 1

Finished training on 2/6/2025, 10:09:21 AM using General domain Iteration id: c2d535e7-7df0-4eba-8f5d-3f6880f8cf0f Classification type: Multiclass (Single tag per image)



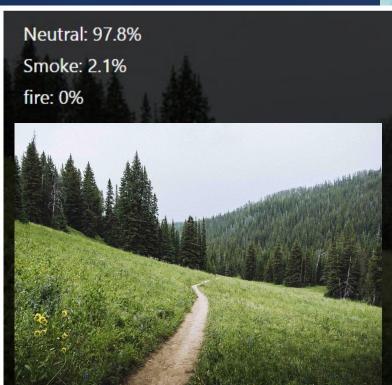
MODEL TRAINING AND PERFORMANCE

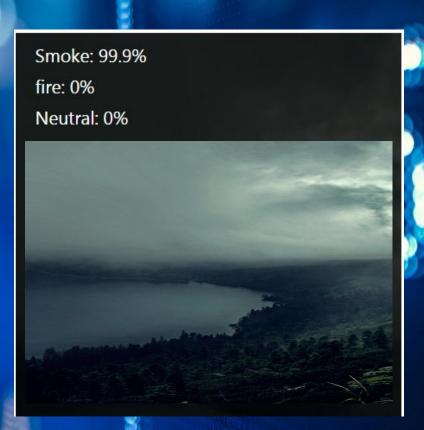
Performance Per Tag

Tag	Precision	^ Recall	A.P.	Image count
Smoke	100.0%	100.0%	100.0%	6
Neutral	100.0%	100.0%	100.0%	6
fire	100.0%	100.0%	100.0%	6

Testing the Model and Assessing the performance







Testing the Model and Assessing the performance

If the accuracy is low, we have to retrain the model by adding more images in data. However, our accuracy is more than 95% so there are no changes to be made, and we can deploy and publish the model.





THANK YOU

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