



Fire or Not

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BACKGROUND

Climate change is increasing the number of wildfires occurring globally.

BUSINESS PROBLEM

- United States spends roughly \$1b/yr fighting wildfires
- Build a model that can detect wildfires before they grow too big which will result in saving money, lives, and trauma





43,000

Wildfire Images



Not Wildfire Images



Final Model



CNN 4

Training Accuracy

98.9653%

Validation Accuracy

98.6349%

Testing Accuracy

98.9683%

DEMO



FUTURE STEPS



MORE DATA

ROBUST PIPELINE

COMPUTING RESOURCES

THANKS!

Do you have any questions?

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