Report for “The Not-Hogdog Classifier”

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**1. Introduction**

We have implemented a multilayer perceptron (MLP) binary classifier that classifies images into 2 classes: laptop or not laptop, depending on whether a laptop is present in those images.

**2. Procedure**

**3. Results**

Epochs: 25

Laptops: correct: 176, incorrect: 20

Not laptops: correct: 176, incorrect: 23

Epochs: 50

Laptops: correct: 165, incorrect: 31 ¿?

Not laptops: correct: 190, incorrect: 8

Epochs: 100

Laptops: correct: 174, incorrect: 25

Not laptops: correct: 189, incorrect: 10