🧭 Learn Log

AI Learnathon (Leonardo's session) April 5th 2025

Lecturer Learn Log — fast.ai (by Leonardo)

Context: I am an avid No-Code Ai builder and I am keen to better understanding machine learning models and how to implement them.

I am also keen to beef up my understanding of Python

In 2017 I completed the Johns Hopkins Data Science program on Coursera and got learn basic R programming then.

Methodology

As per Leonardo's example, I am going to execute @muellerzr 's notebook in Jupyter.

I had to run the notebook a couple of times as I ran into Pytorch compatibility issues with Apple GPU.

I went through a few fine tuning iterations. I could not understand why my model could not identify a Labrador.

Looking at the confusion matrix I then realized that labradors were not part of the training data set.

I tried the model with pictures of dogs already referenced in the training data set and the model worked perfectly.