Dogs & Cats Prediction via CNNs in Competition1

Dependencies –

* Tensorflow
* Tensorflow keras

Data

* <https://www.kaggle.com/c/dogs-vs-cats-redux-kernels-edition/data>

The train folder contains 25,000 images of dogs and cats. Each image in this folder has the label as part of the filename. The test folder contains 12,500 images, named according to a numeric id. For each image in the test set, you should predict a probability that the image is a dog (1 = dog, 0 = cat).

Algorithm

* [Preparation Of Data And Exploratory Data Analysis](https://www.kaggle.com/abrahamanderson/dogs-cats-prediction-via-cnns-in-competition1#1.-Preparation-of-Data-and-Exploratory-Data-Analysis)
* [Building A Small Model From Scratch](https://www.kaggle.com/abrahamanderson/dogs-cats-prediction-via-cnns-in-competition1#2.-Building-a-Small-Model-from-Scratch)
* [Performance Evaluation Of The Training](https://www.kaggle.com/abrahamanderson/dogs-cats-prediction-via-cnns-in-competition1#3.-Performance-Evaluation-of-the-Training)
* [Preparing Test Data And Submission](https://www.kaggle.com/abrahamanderson/dogs-cats-prediction-via-cnns-in-competition1#4.-Preparing-Test-Data-and-Submission)
* [Input (1)](https://www.kaggle.com/abrahamanderson/dogs-cats-prediction-via-cnns-in-competition1/data)[Output](https://www.kaggle.com/abrahamanderson/dogs-cats-prediction-via-cnns-in-competition1/output)