Vgg16 and Transfer Learning

Today we will implement the vgg16 architecture using keras.

1. Open the following dataset of cats and dogs filtered dataset:
   https://storage.googleapis.com/mledu-datasets/cats_and_dogs_filtered.zip
2. Use the: EarlyStoppin and ModelCheckpoint callbacks while fitting the data
3. Don't forget to use TensorBoard as usual
4. Perform transfer learning on the vgg16 model from keras in order to detect cats and dogs

Hints:

1. You can find the schema of the architecture in the following link:
   https://neurohive.io/en/popular-networks/vgg16/
2. A step by step implementation process can be found here:
   https://towardsdatascience.com/step-by-step-vgg16-implementation-in-keras-for-beginners-a833c686ae6c
3. Transfer learning guide step by step
   https://medium.com/@1297rohit/transfer-learning-from-scratch-using-keras-339834b153b9