Option#2

Image Dataset Augmentation

This jupyter Notebook data augmentation: a technique to increase the diversity of your training set by applying random (but realistic) transformations, such as image rotation.

Steps:

* Use the Keras preprocessing layers, such as tf.keras.layers.Resizing, tf.keras.layers.Rescaling, tf.keras.layers.RandomFlip, and tf.keras.layers.RandomRotation.
* Use the tf.image methods, such as tf.image.flip\_left\_right, tf.image.rgb\_to\_grayscale, tf.image.adjust\_brightness, tf.image.central\_crop, and tf.image.stateless\_random\*.



Note – All comments and results are present in my notebook; submitting it along with word doc as the canvas portal accept take the jupyter notebook alone.