

Fine-grained Image Categorization on Stanford Dogs Dataset



Problem Statement

Build a classifier that can correctly identify the breed of the dog.

It is a fine-grained dataset. There is little inter-class variation and large intra-class variation

- There are large number of classes (120) with a large number of images per class (150-200).
- Two dogs of different breeds may look very similar.
- Within same class, dogs can be of different ages, poses, and colors.
- Dogs appear in man-made environment, hence there is a greater background variation

**Why is it
challenging?**

My Approach

