The dogs vs cats dataset refers to a dataset used for a Kaggle machine learning competition held in

2013. The dataset is comprised of photos of dogs and cats provided as a subset of photos from a

much larger dataset of 3 million manually annotated photos. The dataset was developed as a

partnership between Petfinder.com and Microsoft. The dataset was originally used as a CAPTCHA

(or Completely Automated Public Turing test to tell Computers and Humans Apart), that is, a task

that it is believed a human finds trivial, but cannot be solved by a machine, used on websites to

distinguish between human users and bots. Specifically, the task was referred to as “Asirra” or

Animal Species Image Recognition for Restricting Access, a type of CAPTCHA We create our own

subset that includes 2,000 training images, 1,000 validation images, and 1,000 testing images.

* Number of Instances: 25,000
* Number of Classes: 2
* Image Dimensions: Varies
* Number of Channels: 3