Part 2

OK. How to recognise a cat or dog? Easy - for the people but what the computer can do it? The easiest way is to use Google Photos (if you have photos with cats or dogs write cat or dog in search bar) :) but we are developers - the easiest way isn't fun.

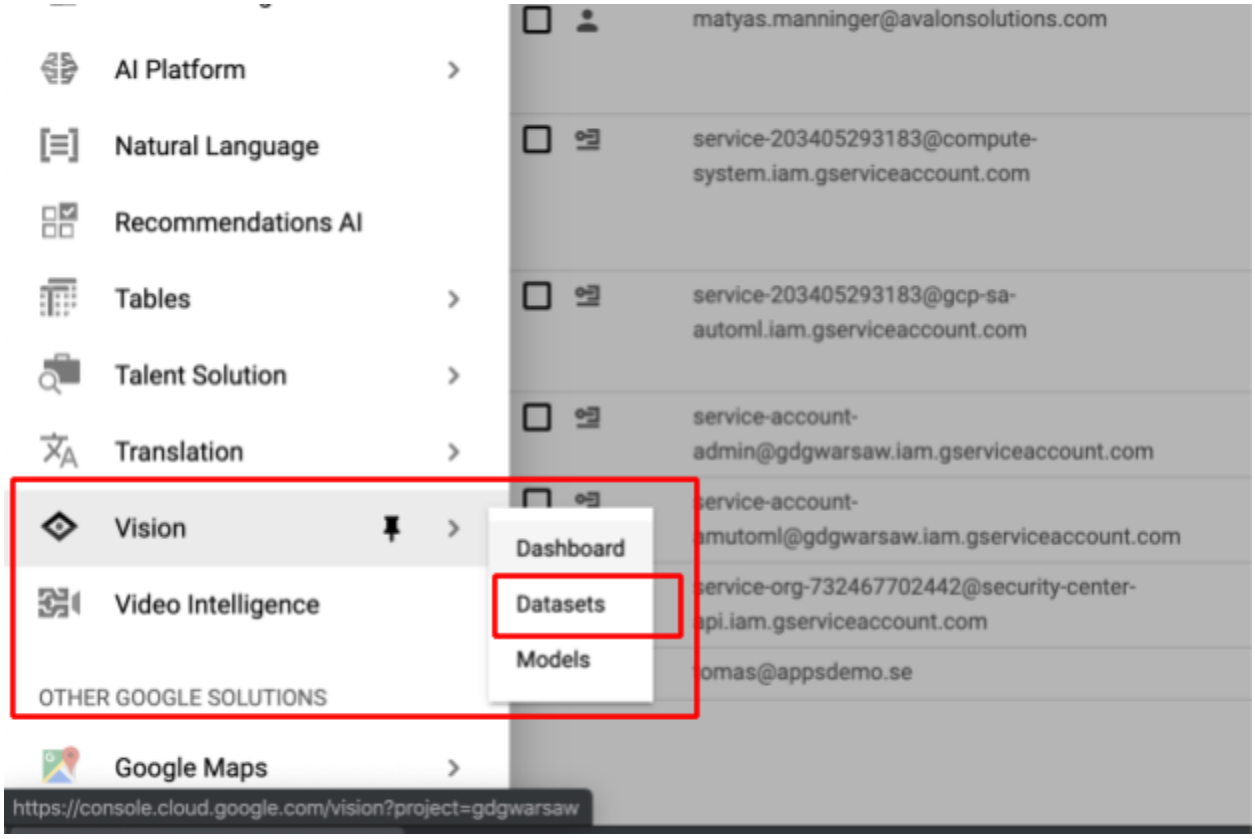
Let's do something which is not available straitly:

1. Open Google Cloud Shell
2. Go to folder with lab:
   `cd ~/gdgwarsaw2019/vision`
3. Run:
   `python visionapi.py`

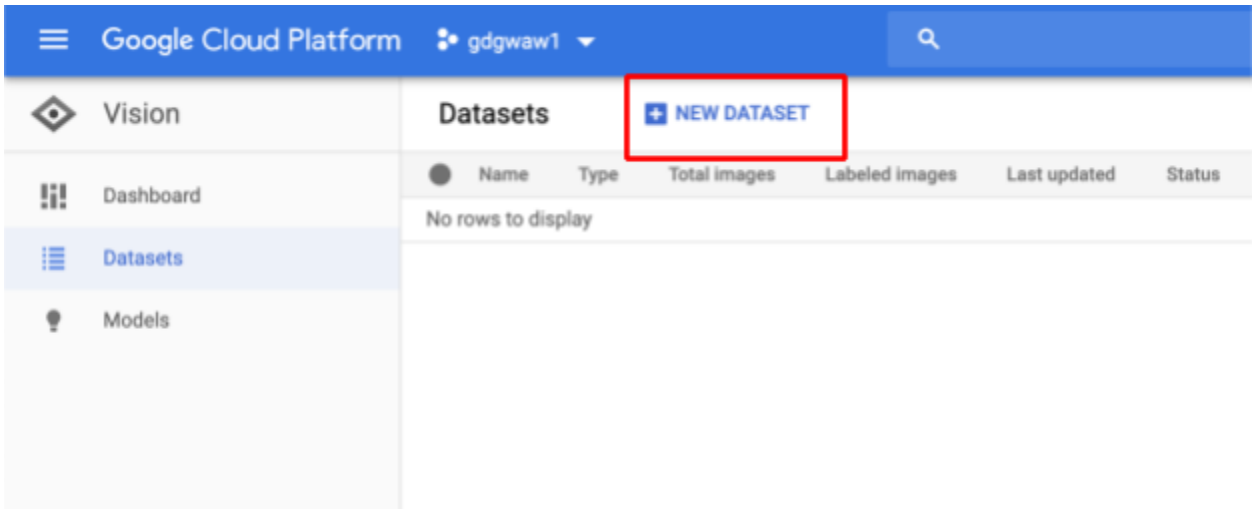
More information:
https://cloud.google.com/vision/docs/quickstart-client-libraries

Let's build own ML model which will recognize cats and dogs only. How to do it? Easy :)

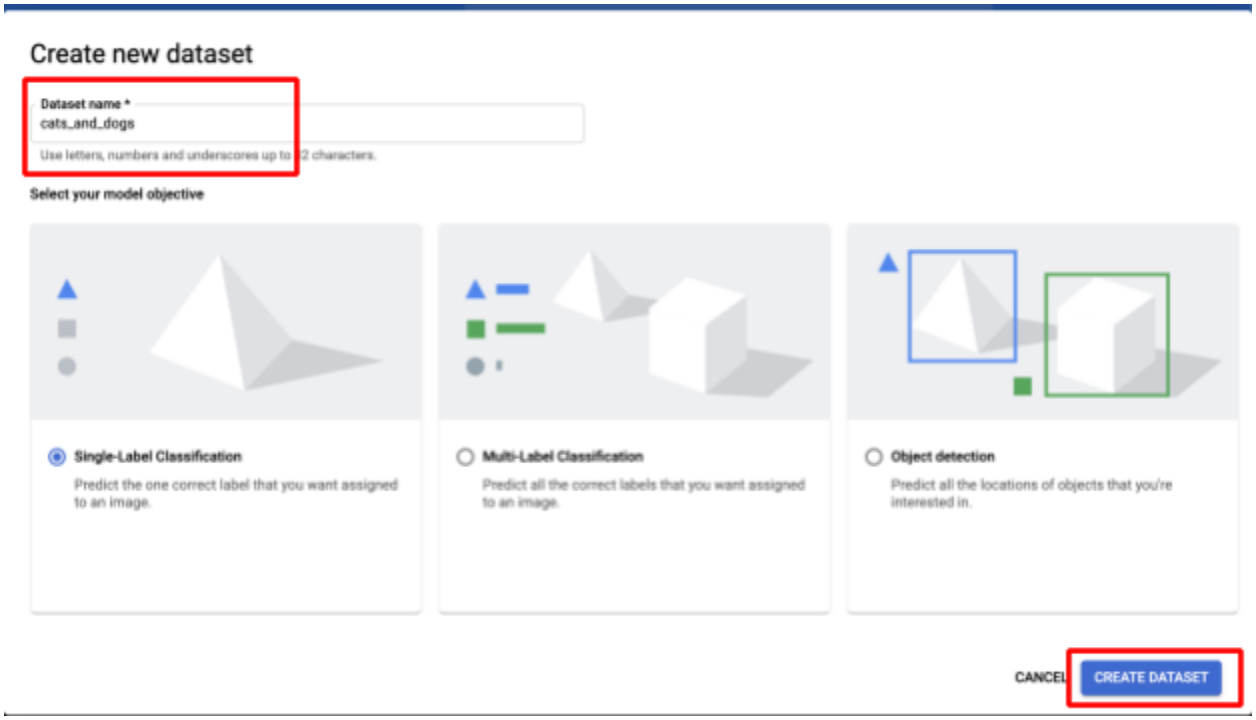
1. Login to https://console.cloud.google.com
2. Choose Vision and Datasets:



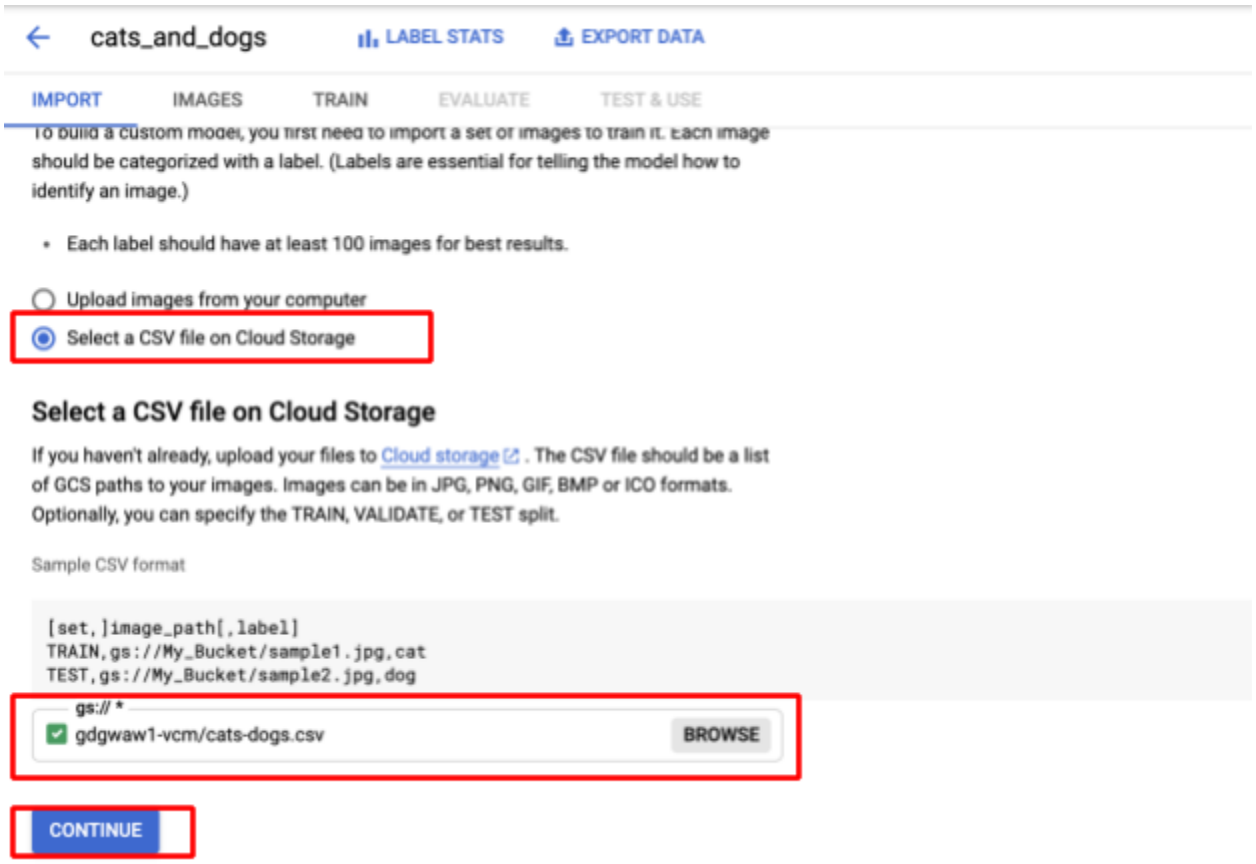
3. Click NEW DATASET:



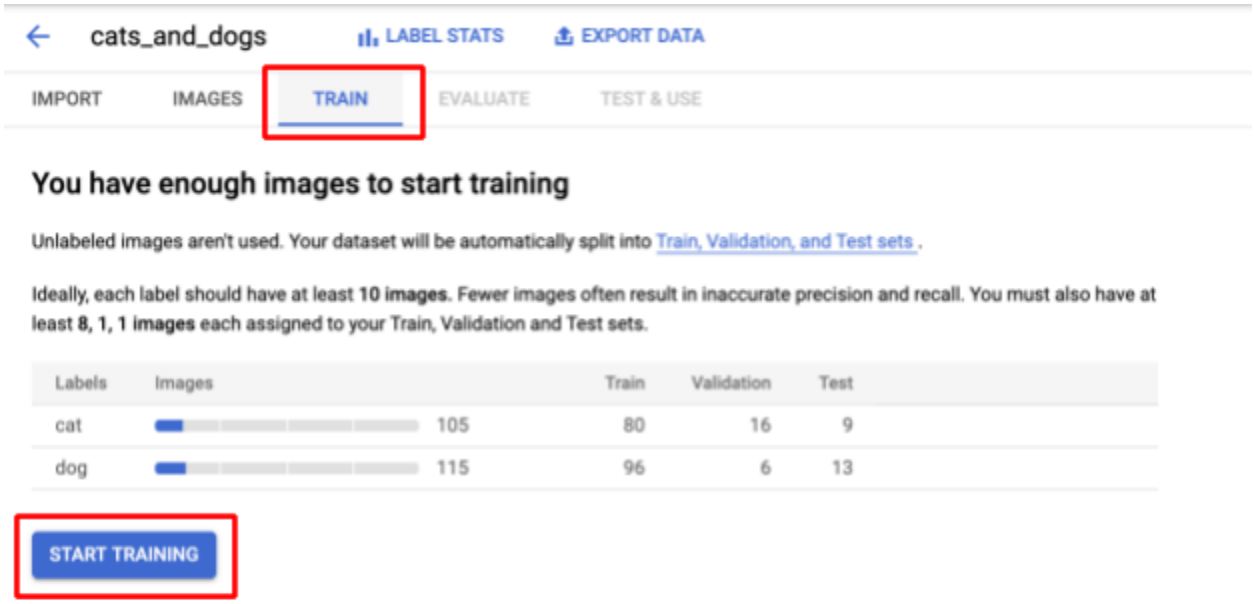
4. Name it ***cats_and_dogs*** and click CREATE DATASET:



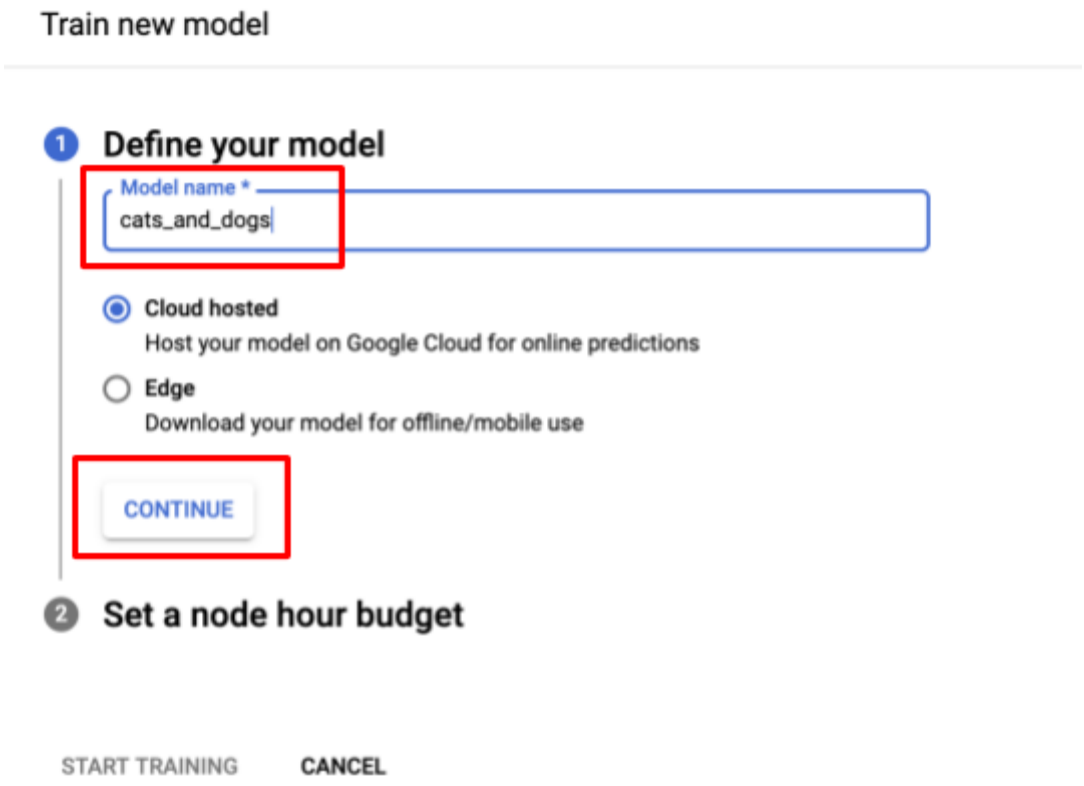
5. Mark ***Select a CSV file on Cloud Storage***, write path to file with bucket name which is [PROJECT_ID]+vcm/cats-dogs.csv and click CONTINUE:



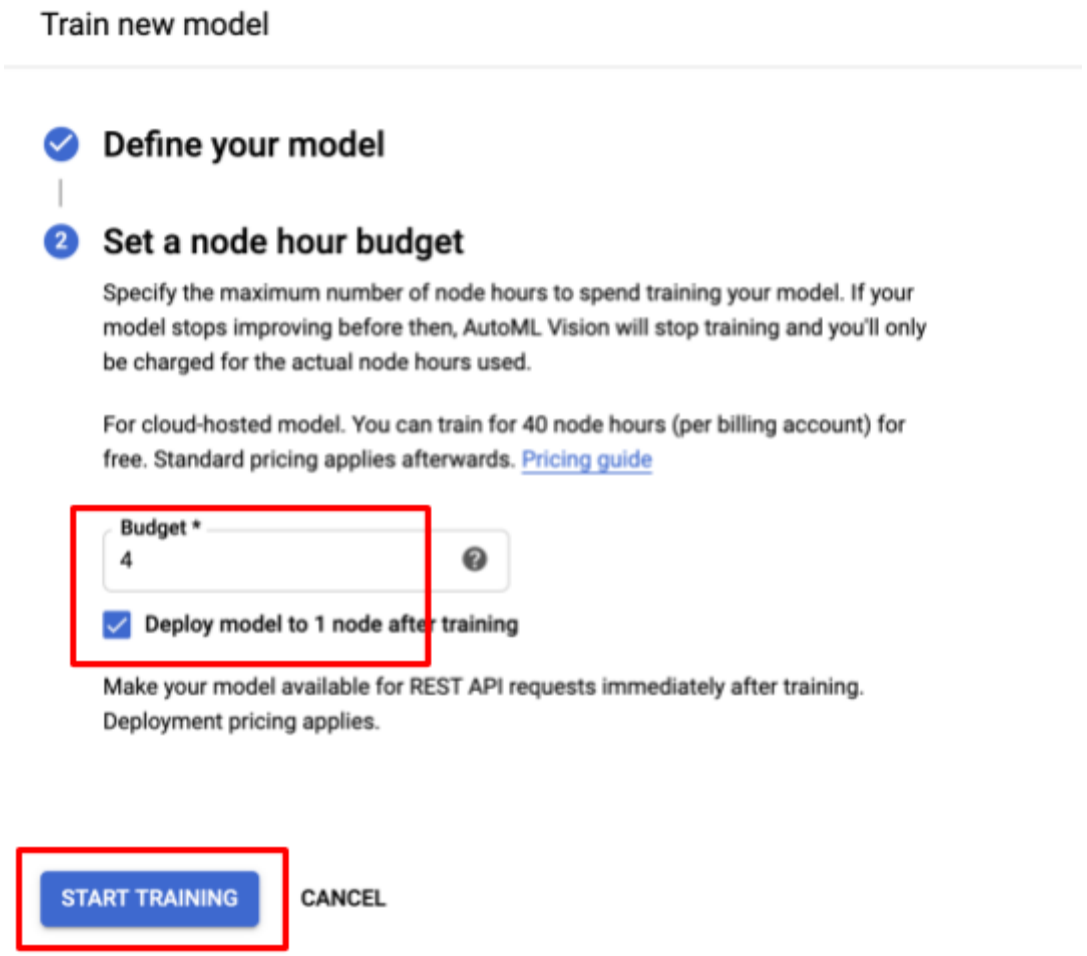
6. Select TRAIN and click START TRAINING



7. Fill the name **cats_and_dogs** and click CONTINUE



8. Change budget to **4** and mark **Deploy model to 1 node after training**



9. Wait for four hours :)