- curate training data to tag images as is\_big\_flare = 0, 1, null corresponding to not\_big\_flare, is\_big\_flare and, not\_sure . We will leave out the not sure during training, allowing the model to better distinguish between big flares and regular solar activity (expected based on solar cycle)

- convert solar\_image\_flare\_labels.ipynb to module called sdo\_image\_flare\_tagging.py, call in main.ipynb and move to archived\_notebooks

04/15

- implement a pytorch classifier for cats and dogs in google colab with local images.

- call dog “flare”, cat “not\_flare”

- write code to tag flare/not-flare images and organize into folders

- adapt the dog-cat implementation for flares