Camera Trap Analysis Methods:

Places to start:

1. Laura mentioned a handful of websites to investigate

    (a) https://wildlifeobserver.net/ for storing images

        i. Caveat: can only upload one image at a time... yikes

    (b) https://wildlifeinsights.org/

        i. Not all on one platform. Use either eMammal or Wild.ID.

        ii. Started with Wild.ID since it's through CI's github, download onto desktop. Does not seem compatible with laptop. Can't select 'Create Project'

        iii. Need to pay for eMammal - scratch that plan

    (c) http://drivendata.co/blog/camera-trap-wildlife-winners/

        i. Caveat: seems to be in Python and only focuses on African fauna.

2. Here are a handful of other potential resources:

    (a) https://github.com/mikeyEcology/MLWIC

        i. Code from recent set of papers (2017 and 2018) looking at different machine learning tools

        ii. Seems to be in R! and based on North American species

Potential Approaches:

1. Wild.ID, Own Code, Zooniverse

    (a) Start with Wild.ID to use for training. Then transition to MLWIC method to set up machine learning training specific to North America. Then use this new machine learning to remove blanks and people and group data into birds and mammals. From there, can set up citizen science project.

2. Zooniverse, Training Own Code

    (a) Start with zooniverse to help train the machine learning, then make own code to sort through photos. Caveat - inappropriate photos