

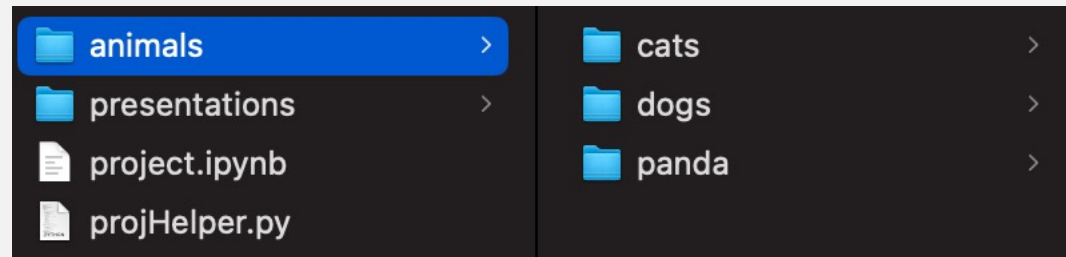
CAT IMAGE CLASSIFICATION

Group 4:

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DATASET

- Dataset name: **Animal Image Dataset (DOG, CAT and PANDA)**
- Link to Dataset: <https://www.kaggle.com/datasets/ashishsaxena2209/animal-image-datasetdog-cat-and-panda>
- 3 folder structure:
 - Cat
 - Dog
 - Panda



Folder Structure

DATASET SAMPLE



Cat Image 1



Dog Image 1



Panda Image 1

DATASET OVERVIEW

3000 non-standardized images:

- Image sizes range from (1600, 1200) to (60,32)
- Image Qualities:
 - Multiple animals in frame
 - No animal photographed
 - Animals are in various positions
 - Animals have varying colors of fur
 - Animals are of varying ages



Dog Image 65



Dog Image 983

DATASET CLEANING

- We are considering:
 - Standardizing image size $\sim(500,500)$
 - Removing non-photograph images of animals
 - Removing photographs with difficult to spot subjects



Cat image 374



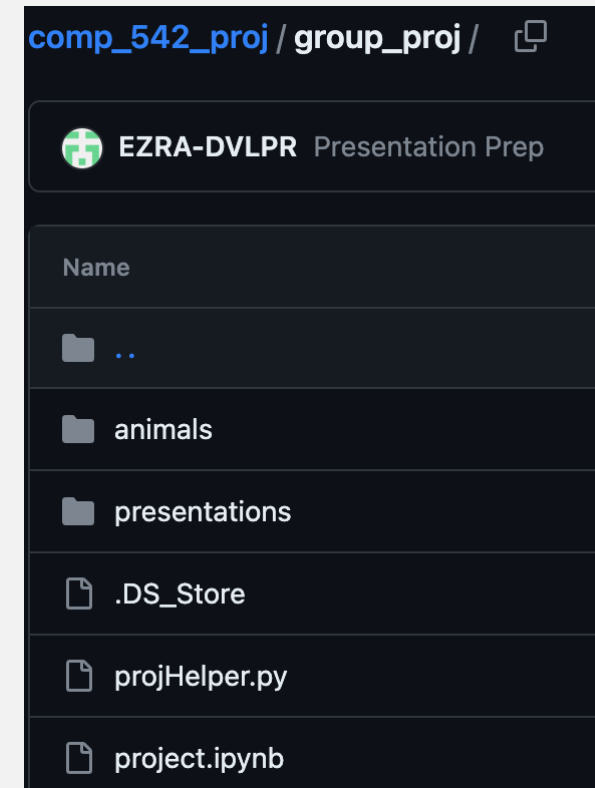
Panda Image 475



Cat image 556

GITHUB REPO

- https://github.com/EZRA-DVLPR/comp_542_proj/tree/main/group_proj
- Separated by file type:
 - Images
 - PPTX
 - Project Files



Github Structure

THANK YOU