

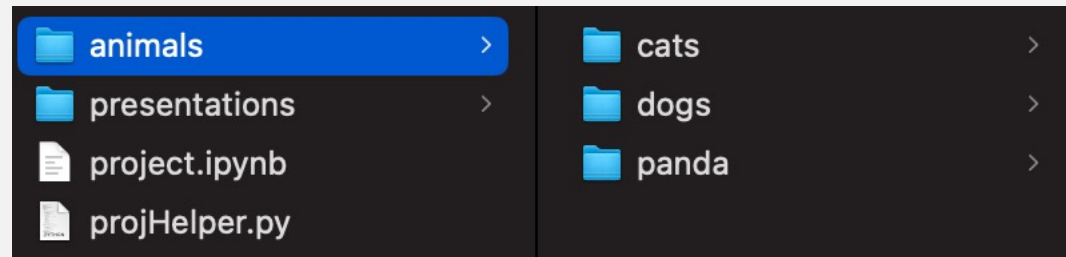
# CAT IMAGE CLASSIFICATION

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



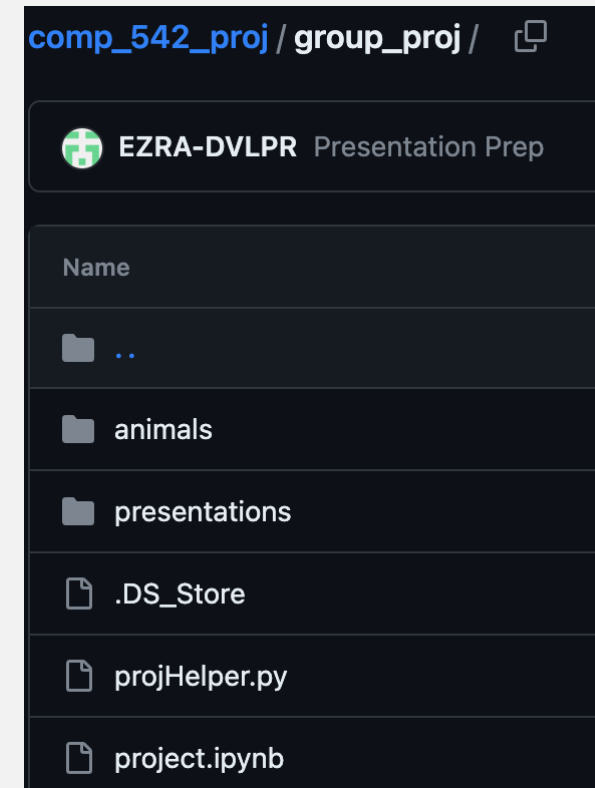
Panda Image 475



Cat image 556

# GITHUB REPO

- [https://github.com/EZRA-DVLPR/comp\\_542\\_proj/tree/main/group\\_proj](https://github.com/EZRA-DVLPR/comp_542_proj/tree/main/group_proj)
- Separated by file type:
  - Images
  - PPTX
  - Project Files



Github Structure

THANK YOU