

1. PROJECT TITLE

-- YOLO Drone Footage Video Segmentation

2. PROJECT DESCRIPTION

YOLO Drone Footage Video Segmentation

3. SET UP

1-- Load files below into the same contents folder and make a note of the directory path leading to this contents folder.

2-- [After](#) reading the README.pdf file, review the report for this project, "YOLO Annotation Segmentation Report.pdf" then run the file, "YOLO Annotation Segmentation.ipynb".

4. PROJECT FOLDER CONTENTS

===FILES:

- This README.pdf file.
- YOLO_Annotation_Segmentation_Report.pdf
- YOLO_Annotation_Segmentation.ipynb
- YOLO_Annotation_Segmentation.pdf
- YOLO_Annotation_Segmentation.html
- classes.txt
- data_custom.yaml

===FOLDERS:

- images_annotated_folder
- images_folder
- images_segmented_folder
- runs
- train
- val
- videos_annotated_folder
- videos_folder
- videos_segmented_folder
- videos_test_folder
- videos_test_segmented_folder

===YOLO PYTORCH MODELS:

- yolov8m-seg.pt
- yolov8m-seg_custom.pt
- yolov8m.pt
- yolov8m_custom.pt