A Guide to Raw Image Processing

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2022-06-22

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1 About this book

This book was authored to serve as a basic guide for using the data pipeline to process raw images using ROI software, VIA image annotation, and a machine learning model.

Special thanks to Audrey Thellman and Wes Slaughter for their guidance and mentorship.

1.1 Load Packages

```r
library(bookdown)
# Knits markdown files into a book
library(reticulate)
# Allows python code to be ran in an R environment
```

1.2 Introduction

2 Chapter 1: Renaming Raw Images

This chapter provides an overview about the Python scripts used to give descriptive file names to raw images.

3   Chapter 2: Selecting Region of Interest

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4   Chapter 3: Classifying Image Attributes with VIA

TBA