

AI for Media: Assignment 1, Make a dataset

The dataset created is a collection of aerial photography with an emphasis on landscape photography. The full collection contains 566 files.

This is a labelled dataset as it was acquired by using the pindown extension in chrome on the social media-based network Pinterest. The dataset contains images from a number of 'boards' from the site found with the tag name 'aerial photography' or of a similar nature.

The images from various boards were collated, resized and cropped to square to have a desirable affect in future training with pretrained AI models. These commands were used with the dataset tools python library, as used in Week 2.2: Making datasets session. See below:

```
(STEM) C:\Users\luoco\Documents\dataset-tools> python dataset-  
tools.py -input_folder C:\Users\luoco\Documents\dataset-  
tools\AI4M_dataset -output_folder C:\Users\luoco\Documents\dataset-  
tools\AI4M_dataset -process_type resize  
Processing folder: C:\Users\luoco\Documents\dataset-  
tools\AI4M_dataset  
(STEM) C:\Users\luoco\Documents\dataset-tools> python dataset-  
tools.py -inp  
ut_folder C:\Users\luoco\Documents\dataset-tools\AI4M_dataset1024 -  
output_f  
older C:\Users\luoco\Documents\dataset-tools\AI4M_dataset1024 -  
process_type crop_to_square  
Processing folder:  
C:\Users\luoco\Documents\datasettools\AI4M_dataset1024
```

Inspiration for this dataset came from my exhibition piece during my undergraduate degree where I manually altered pixels on a satellite image to create a video (almost like motion stop animation yet with photoshop as I didn't have the knowledge to complete this otherwise). This dataset ensures that I could produce something similar as a final result with the use of pretrained AI models.

LINK to 100mb subsample of dataset (contains 60 files):

[AI4M-dataset-lucy-oconnor-100mb.zip](#)

