

Data source

Choose image source:

- Upload image
 Project data folder

Cloud Deployment Info 

 Running locally —
folder access should work
fine!

Enter data folder path:

./data

Model

 Using heuristic demo
predictor

? Help & Support

Issues with project data folder?

See [DEPLOYMENT_GUIDE.md](#) for:

- Cloud deployment setup
- Data folder troubleshooting
- Cloud storage integration

Quick tip: Use "Upload image" mode on Streamlit Cloud for best results! 

Crested Myna (*Acridotheres cristatellus*) Recognizer

A polished Streamlit app to upload images or read from the project's `data/` folder. Includes dataset analytics, previews, predictions, and downloads.

[Analytics](#)  [Gallery](#) 

Dataset overview

Total images	Avg width (px)	Avg height (px)	Avg file size (MB)
9	963	769	0.33

Class Distribution

Class count by category

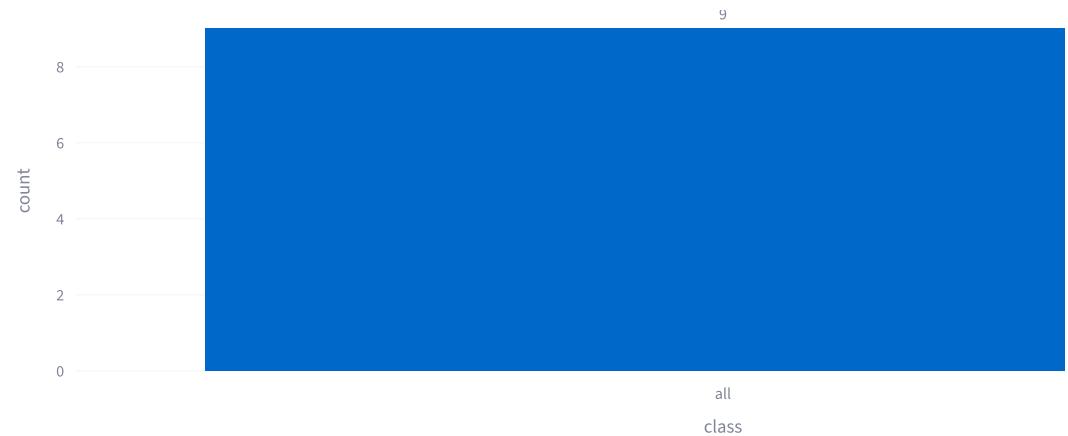


Image Dimensions

Image dimensions (Width vs Height)

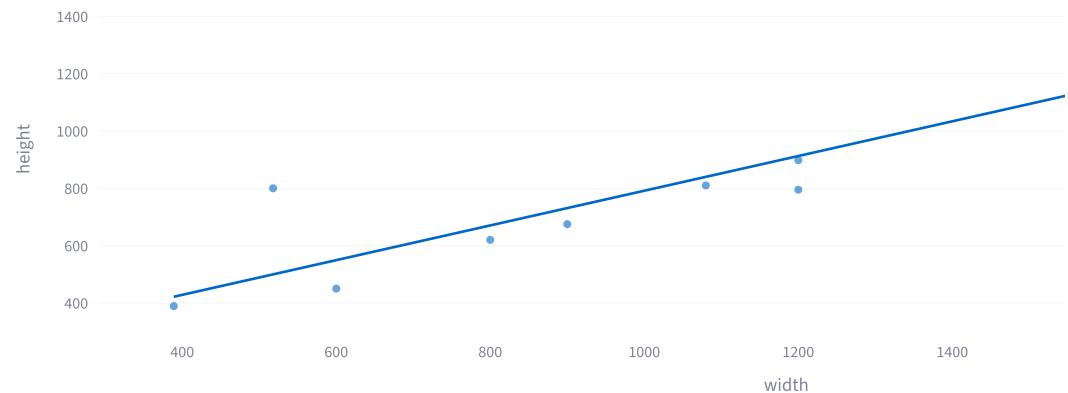
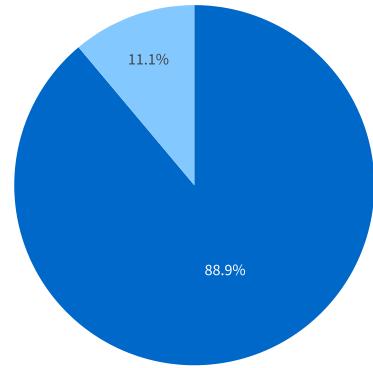


Image Formats

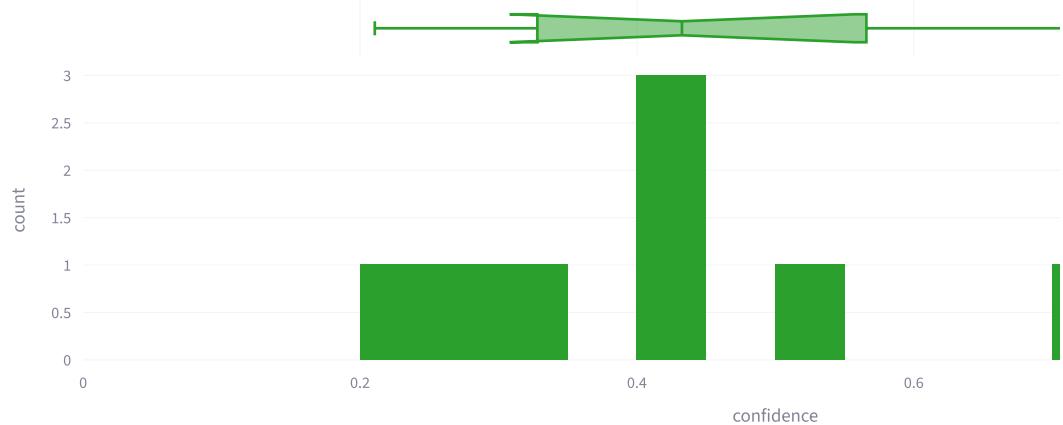
Image format breakdown



© Crested Myna Detection Confidence

Crested Myna Detection Confidence Distribution

Crested Myna detection confidence



Mean Crested Myna confidence

0.466

Median confidence

0.433

Std deviation

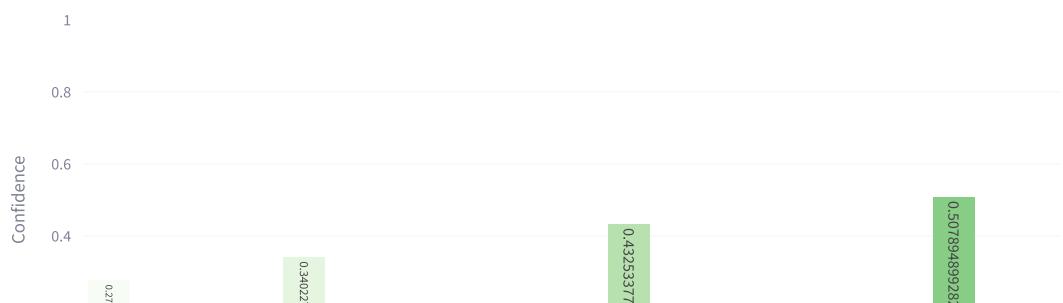
0.194

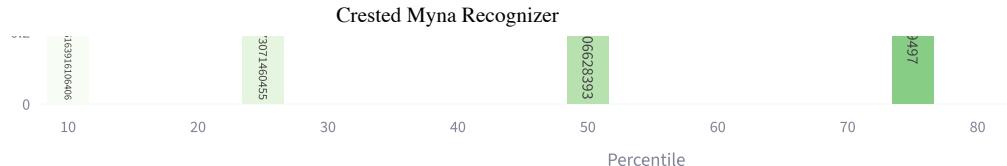
Max confidence

0.799

Crested Myna Confidence Percentiles

Crested Myna detection at different percentiles





Detection Confidence Extremes

High confidence detections ($\geq 75^{\text{th}}$ percentile)

3

High conf: min=0.508, max=0.799, mean=0.682

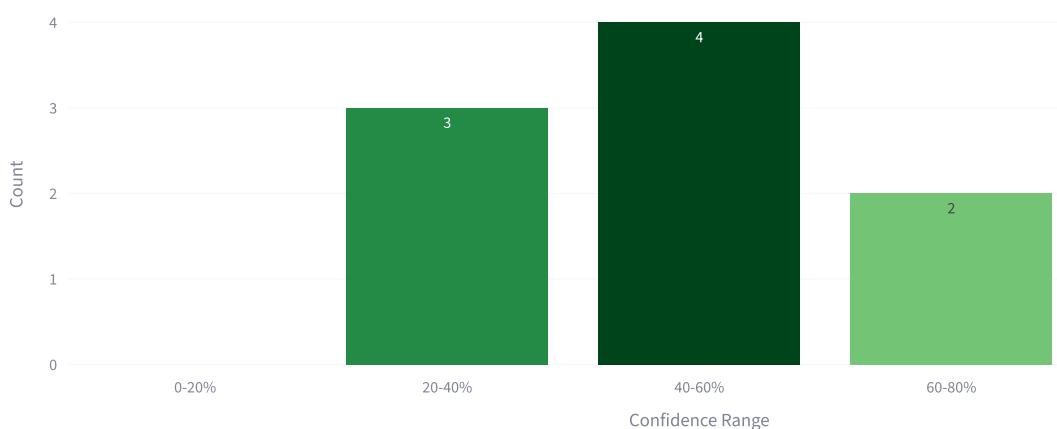
Low confidence detections ($\leq 25^{\text{th}}$ percentile)

3

Low conf: min=0.211, max=0.340, mean=0.281

Crested Myna Detection Ranges

Crested Myna detections by confidence range



Crested Myna Detection Summary

	Metric	Value
0	Total detections	9
1	Mean confidence	0.4660
2	Std deviation	0.1942
3	Min confidence	0.2107
4	25th percentile	0.3402
5	Median (50th percentile)	0.4325
6	75th percentile	0.5079
7	Max confidence	0.7988

Resolution vs Detection Confidence

Image Width vs Detection Confidence

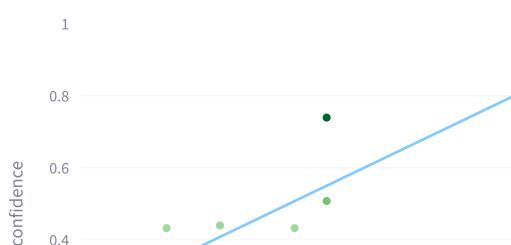
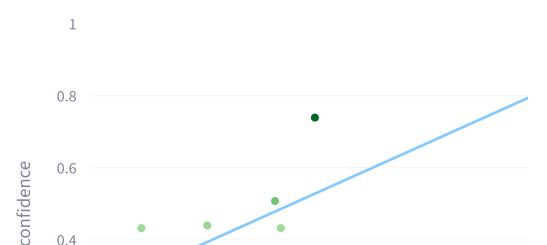
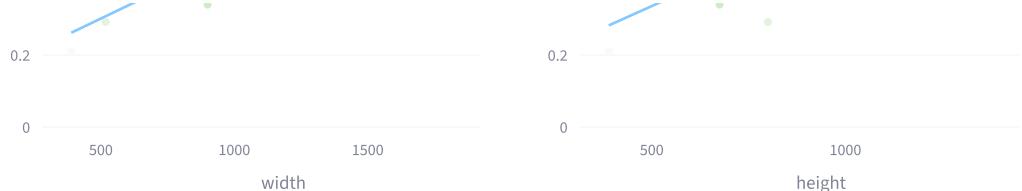


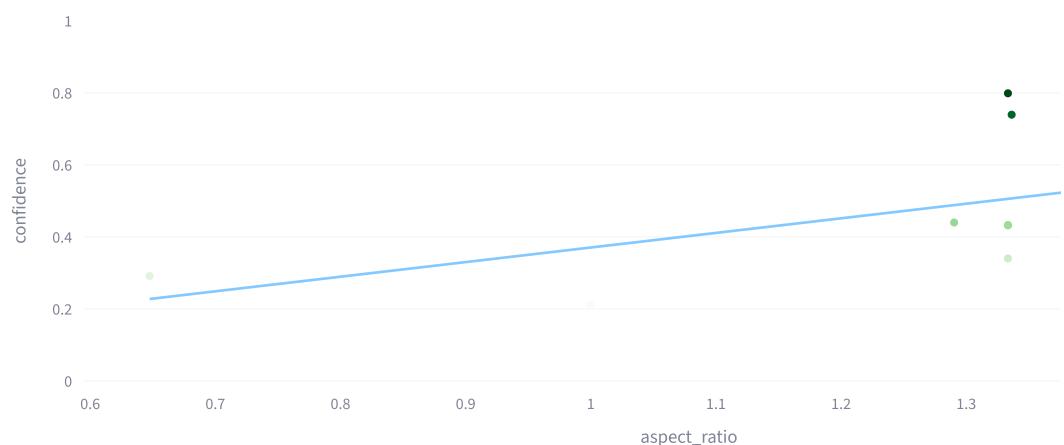
Image Height vs Detection Confidence



Crested Myna Recognizer



Aspect Ratio (Width/Height) vs Detection Confidence



Detection Confidence by Resolution Category

Detection Confidence Distribution by Resolution Category



Resolution Statistics

	Metric	Value
0	Avg width (px)	963
1	Avg height (px)	769
2	Min width (px)	389
3	Max width (px)	1980
4	Min height (px)	389
5	Max height (px)	1485
6	Avg aspect ratio	1.24

Dataset Summary

	Metric	Value
0	Total images	9
1	Num classes	1
2	Avg image width	963
3	Avg image height	769
4	Avg aspect ratio	1.24
5	Avg file size (MB)	0.33

This app is a UI wrapper; to enable real predictions, place a PyTorch model in `models/` or implement a TensorFlow loader in `app_utils.py`.