


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.

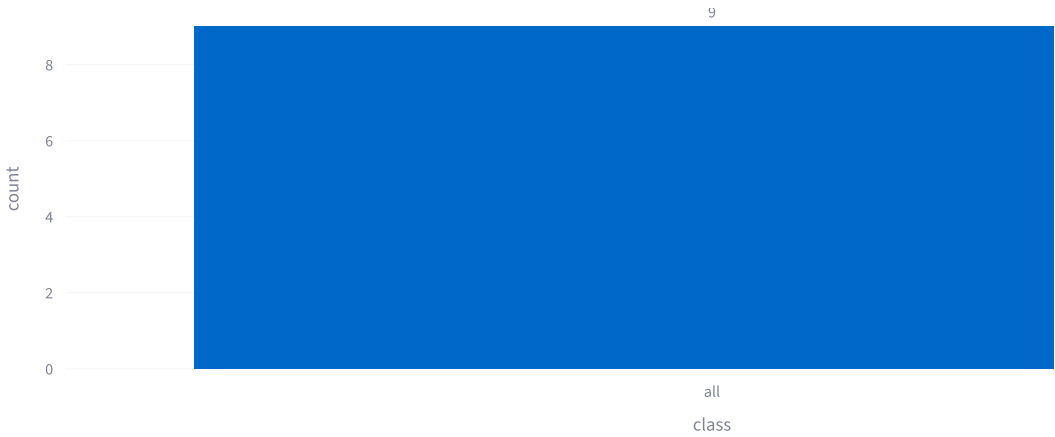
[Analytics](#)  [Gallery](#) 

## Dataset overview

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

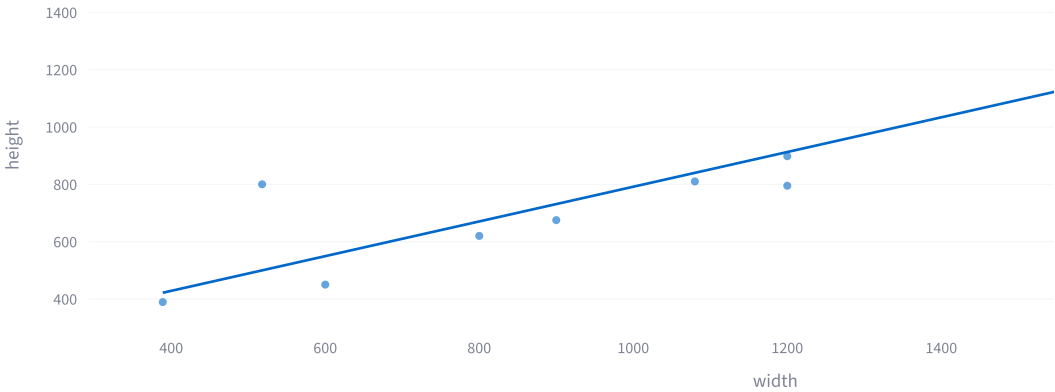
## Class Distribution

Class count by category



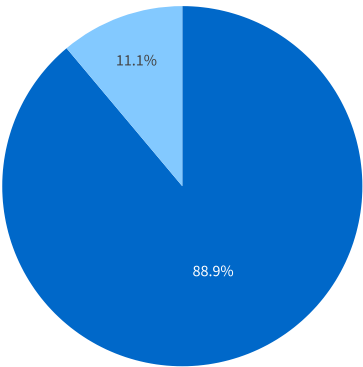
## Image Dimensions

Image dimensions (Width vs Height)



# Image Formats

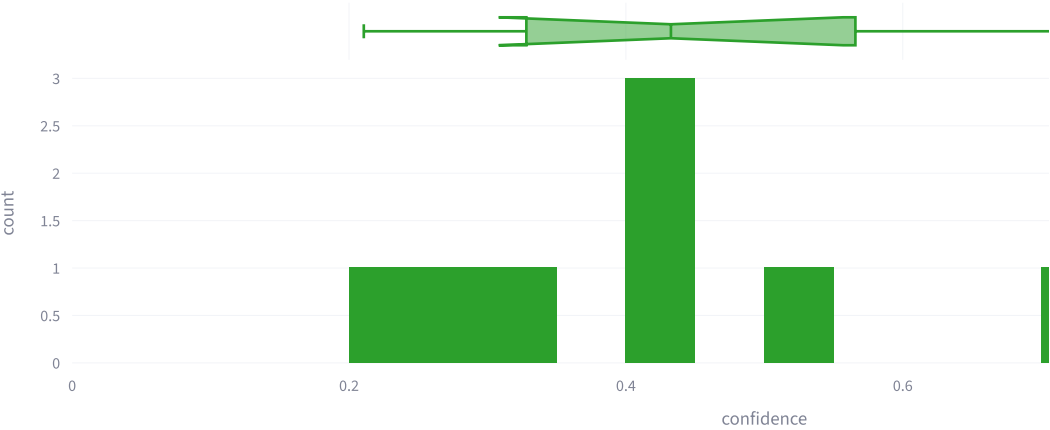
Image format breakdown



## ☺ Crested Myna Detection Confidence

### Crested Myna Detection Confidence Distribution

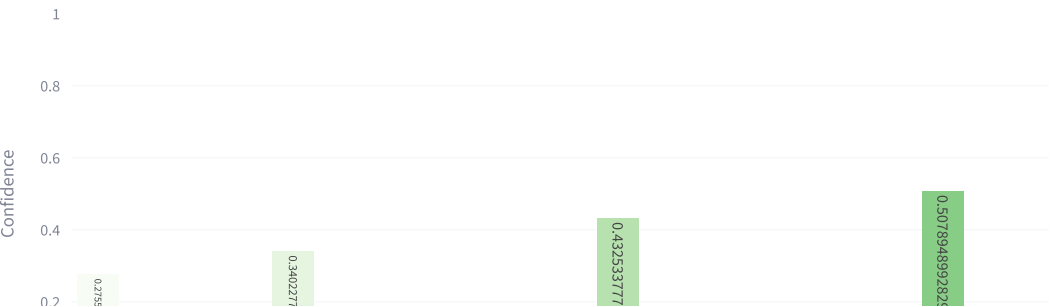
Crested Myna detection confidence

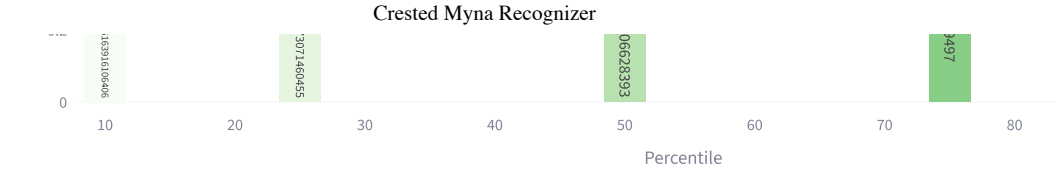


Mean Crested Myna confidence	Median confidence	Std deviation	Max confidence
0.466	0.433	0.194	0.799

### Crested Myna Confidence Percentiles

Crested Myna detection at different percentiles





Detection Confidence Extremes

High confidence detections ( $\geq 75$ th percentile)

3

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

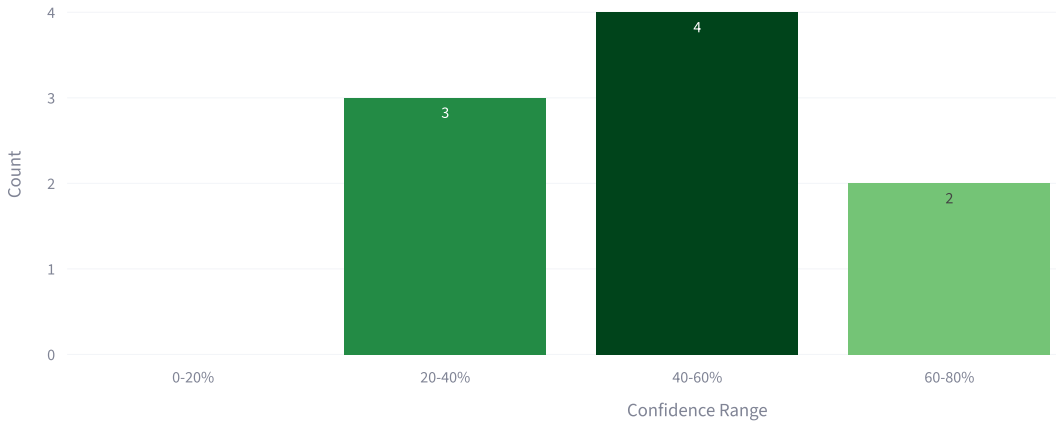
Low confidence detections ( $\leq 25$ th percentile)

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

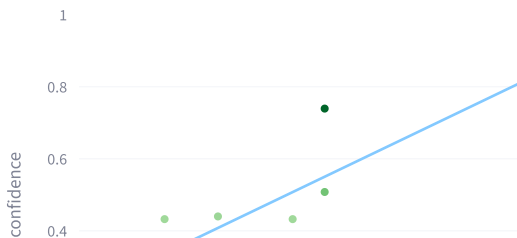
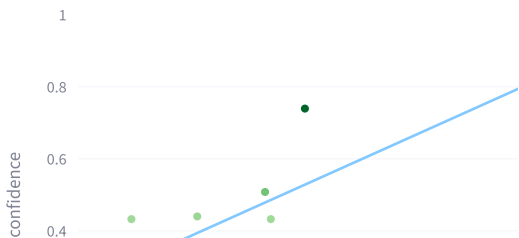
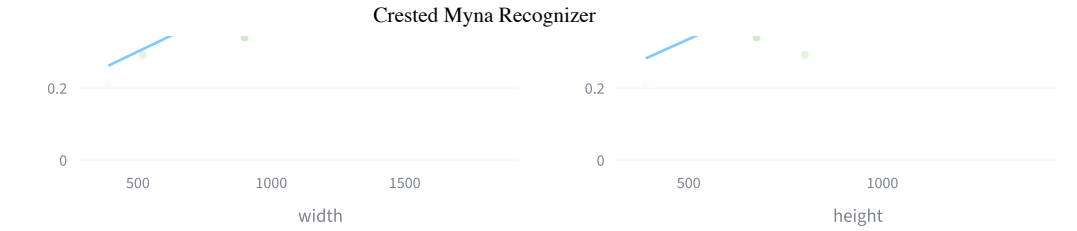
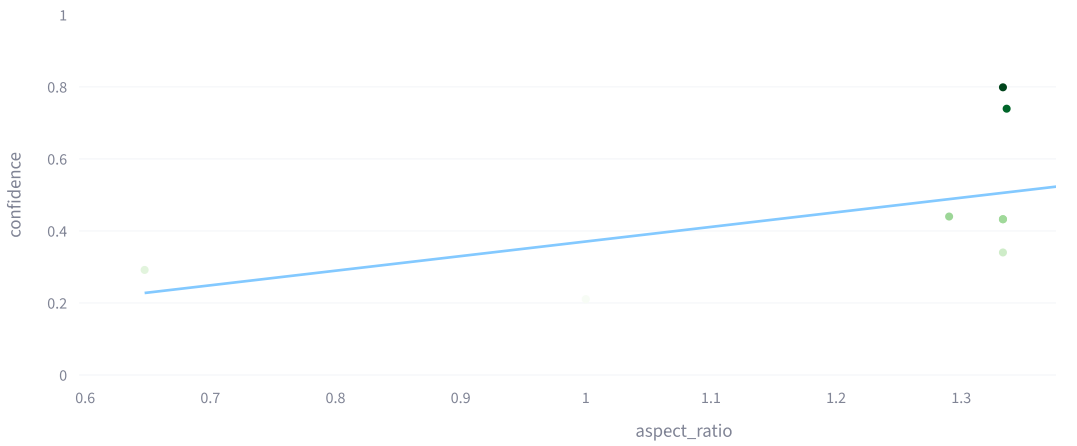


Image Height vs Detection Confidence





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

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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`.