

CS 699 - Project

Bird Image Classification and Visualization

1 Image Classification

Uploaded image:



Prediction: modelpredictedspecies

Classifier: classifiername

Top 5 predictions:

S.No.	Species Name	Prediction Probability
1	Blue Jay	probscore1
2	Grey Heron	probscore2
3	Indian Peafowl	probscore3
4	Little Egret	probscore4
5	Red-Vented Bulbul	probscore5

Species wise prediciton probability

2 Model Report

Classifier: classifiername

Dataset: Images scrapped from eBird Portal for species classification across 5 species.

Total images: 5000

Train-Test Split: 80:20

Species:

- 1. Blue Jay
- 2. Grey Heron
- 3. Indian Peafowl
- 4. Little Egret
- 5. Red-Vented Bulbul

Metrics:

Classification Report:

sklearnreport

Confusion Matrix:

