



Introduction to ML  
Strategy  
Setting up your goal  
Comparing to human-level performance  
Machine Learning flight simulator

**Reading:** Machine Learning flight simulator  
2 min

**Quiz:** Bird recognition in the city of Peacetopia (case study)  
15 questions

**Heroes of Deep Learning (Optional)**



# Bird recognition in the city of Peacetopia (case study)

## Bird recognition in the city of Peacetopia (case study)

TOTAL POINTS 15

### 1. Problem Statement

1 point

This example is adapted from a real production application, but with details disguised to protect confidentiality.



People are making progress

6533 learners have recently completed this assignment

[Resume](#)

Grade



You are a famous researcher in the City of Peacetopia. The people of Peacetopia have a common characteristic: they are afraid of birds. To save them, you have **to build an algorithm that will detect any bird flying over Peacetopia** and alert the population.

The City Council gives you a dataset of 10,000,000 images of the sky above Peacetopia, taken from the city's security cameras. They are labelled:

- $y = 0$ : There is no bird on the image
- $y = 1$ : There is a bird on the image

Your goal is to build an algorithm able to classify new images taken by security cameras from Peacetopia.