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## Bird Recognition in the City of Peacetopia (Case Study)

Graded Quiz • 45 min

Due Feb 6, 11:59 PM PST

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Total points 15

Quiz 1.4 **Problem Statement**

1 point

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

**Submit your assignment**

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Attempts: 1

Score: 0/15

Received: 0/15

To Pass: 10/15

Your grade: 0/15



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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