

Assignment 1: Counting objects in images

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1 The problem

A decision is to be made based on the number of a certain object in an image. You are to show how the objects can be automatically counted in the image.

2 Methodology

Your proposed solution will be assessed based on:

1. The pre-processing that you apply to the image
2. Your choice of thematic classes
3. Your choice of features
4. The adherence of your solution to the classification design cycle
5. The efficiency of your solution
6. The ability of your solution to distinguish between variations of the same type of object.
7. The quality of your report

3 Submission

Submit a report detailing your solution. The report should be no more than 15 pages.

Deadline: April 1 2018