COMP2550/COMP3130 Warmup Project Report

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1 Overview

The task at hand for this warmup project was to implement a set of useful features for a computer vision task, using the open source Darwin framework for machine learning and the MSRC dataset. The desired outcome was a feature vector that allowed the machine learning algorithms to classify images with over 50% accuracy.

2 Method

Intuition, thoughts and discussion on the CV features
RGB values and std deviation, centre (position), average grayscale, difference between colours in a superpixel, neighbours, etc.

3 Results

Accuracy tables with different features implemented.

4 Discussion

Interpretation of results, what went well, what wend wrong (overfitting?), what could be done better.

5 References?

Do we have any?