Best Shot from Near Duplicates

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Abstract

In the era of digital images and no dearth of memory, for every scene we try to capture through a camera, near duplicate shots are unavoidable. This project is an attempt to automate the process of choosing the best shot from these near duplicates. Several important features are first estimated from the given image, like - contrast, balance, blur value, subject location, etc for all images and face features like smile score, eye score for images containing human faces. A Random forest model is trained on these features. Our results show that this is a very promising approach to find best shots amongst near duplicates.